-online.com antibodies

## Datasheet for ABIN1097703 TREML1 Protein (AA 16-162) (His tag)



Overview	
Quantity:	50 µg
Target:	TREML1
Protein Characteristics:	AA 16-162
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TREML1 protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human TREML1/TLT-1 (C-6His)
Sequence:	QGIVGSLPEV LQAPVGSSIL VQCHYRLQDV KAQKVWCRFL PEGCQPLVSS AVDRRAPAGR RTFLTDLGGG LLQVEMVTLQ EEDAGEYGCM VDGARGPQIL HRVSLNILPP EEEEETHKIG SLAENAFSDP AGSANPLEPS QDEKSIPVDH HHHHH
Characteristics:	Recombinant Human Triggering Receptor Expressed on Myeloid Cells-Like Protein 1/TREML1 produced by transfected human cells is a secreted protein with sequence (Gln16-Pro162) of Human TREML1 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN1097703 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

Alternative Name:       tit-1 (TREML1 Products)         Sub Type:       Fusionprotein         Background:       Triggering Receptor Expressed on Myeloid Cells-Like Protein 1 (TREML1) is a single-pass type I membrane protein. TREML1 precursor contains a 15 amino acid signal peptide, a 147 amino acid extracellular domain with an Iq-like V-type (immunglobulin-like) domain, and 128 amino acid extracellular domain. It can be expressed exclusively in platelets and megakanycotes (MKs). It is a cell surface receptor that may play a role in the innate and adaptive immune response. TREML1 Sequestered in cytoplasmic vesicles in resting platelets. TREML1 be transported to the cell surface after stimulation by thorombin. Soluble fragments can be released into the serum by proteolysis. The phosphorylated TREML1 can interact with PIPN6 and PTPN11. TREML1 may perticipate in maintaining vascular hemostasis and regulating coagulation and inflammation at sites of injury.         Alternative Names:       Trem_Like Transcript 1 Protein, TLT-1, Triggering Receptor Expressed on Myeloid Cells-Like Protein 1, TREML1, TLT1         Molecular Weight:       16.88 kDa         UniProt:       QBoYW5         Application Details       For Research Use only         Handling       Evophilized         Format:       Lyophilized         Reconstitution:       It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in dH20. Please aliquot the reconstitute doultion of 20 mM PR, 150 mM Na0L pH 7.2         Handling Advice:       Always centrifuge tubes before opening. Do not mix by vortex or pipetting.	Target:	TREML1
Sub Type:         Fusionprotein           Background.         Triggering Receptor Expressed on Myeloid Cells Like Protein 1 (TREML1) is a single pass type 1 membrane protein. TREML1 precursor contains a 15 amino acid signal peptide, a 147 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular between the expressed exclusively in platelets. IREML1 be transported to the cell surface after stimulation by thrombin. Soluble fragments can be released into the serum by proteolysis. The phosphorylated TREML1 can interact with PTPN6 and PTPN11. TREML1 may participate in maintaining vascular bemostasis and regulating coagulation and inflammation at sites of injury. Alternative Names: Trem-Like Transcript 1 Protein, TLT-1, Triggering Receptor Expressed on Myeloid Cells-Like Protein 1, TREML1, TLT-1           Molecular Weight         16.88 kDa           UniProt:         Q80YW5           Application Details         For Research Use only           Handling         Lyophilized protein in ddH20. Piesee aliquot the reconstituted solu		
Background:       Triggering Receptor Expressed on Myeloid Cells-Like Protein 1 (TREML1) is a single-pass type I         Background:       membrane protein. TREML1 precursor contains a 15 amino acid signal peptide, a 147 amino acid extracelular domain with an ig-like V-type (immunoglobulin-like) domain, and 128 amino acid cytoplasmic domain. It can be expressed exclusively in platelets and megdakyocytes (MKs). It is a cell surface receptor that may play a role in the innate and adaptive immune response. TREML1 Sequestered in cytoplasmic vesicles in resting platelets. TREML1 be transported to the cell surface after stimulation by thrombin. Soluble fragments can be released into the serum by proteolysis. The phosphorylated TREML1 can interact with PTPN6 and PTPN11. TREML1 may participate in maintaining vascular hemostasis and regulating coegulation and inflammation at aftes of injury.         Alternative Names: Trem-Like Transcript 1 Protein, TLT-1, Triggering Receptor Expressed on Myeloid Cells-Like Protein 1, TREML1, TLT1         Molecular Weight       16 88 kDa         UniProt:       Q80VW5         Application Details       For Research Use only         Handling       Lyophilized         Format:       Lyophilized protein in dH2O.         Please aliquot the reconstituted solution of 20 mM PB, 150 mM NaCl, pH 72.         Handling Advice:       Always centrifuge tubes before opening. Do not mix by vortex or pipetting.         Storage:       4 '0C/20 'C/60 'C         Storage:       14 'C/20 'C/60 'C	Alternative Name:	tlt-1 (TREML1 Products)
membrane protein. TREML1 precursor contains a 15 amino acid signal peptide, a 147 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid extracellular domain. It can be expressed exclusively in platelets and megakaryocytes (MKs). It is a cell surface receptor that may play a role in the innate and adaptive immune response. TREML1 Sequestered in cytoplasmic vesicles in resting platelets. TREML1 be transported to the cell surface after stimulation by thrombin. Soluble fragments can be released into the serum by proteolysis. The phosphorylated TREML1 can interact with PTPN6 and PTPN11. TREML1 may participate in maintaining vascular hemostasis and regulating coagulation and inflammation at sites of injury.         Molecular Weight:       16.88 kDa         UniProt:       Q86YW5         Application Details       For Research Use only         Handling       Lipophilized         Format:       Lyophilized         Rescription:       It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in indH20. Please aliquot the reconstituted solution of 20 mM PB, 150 mM NaCl, pH 72.         Handling Advice:       4 *C/-20 *C/-80 *C         Storage:       4 *C/-20 *C/-80 *C	Sub Type:	Fusionprotein
UniProt:       Q86YW5         Application Details       For Research Use only         Restrictions:       For Research Use only         Handling       Event State Stat	Background:	<ul> <li>membrane protein. TREML1 precursor contains a 15 amino acid signal peptide, a 147 amino acid extracellular domain with an Ig-like V-type (immunoglobulin-like) domain, and 128 amino acid cytoplasmic domain. It can be expressed exclusively in platelets and megakaryocytes (MKs). It is a cell surface receptor that may play a role in the innate and adaptive immune response. TREML1 Sequestered in cytoplasmic vesicles in resting platelets. TREML1 be transported to the cell surface after stimulation by thrombin. Soluble fragments can be released into the serum by proteolysis. The phosphorylated TREML1 can interact with PTPN6 and PTPN11. TREML1 may participate in maintaining vascular hemostasis and regulating coagulation and inflammation at sites of injury.</li> <li>Alternative Names: Trem-Like Transcript 1 Protein, TLT-1, Triggering Receptor Expressed on</li> </ul>
Application DetailsRestrictions:For Research Use onlyHandlingFormat:LyophilizedReconstitution:It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH20. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Buffer:Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.Handling Advice:Always centrifuge tubes before opening. Do not mix by vortex or pipetting.Storage:4°C/-20°C/-80°CStorage Comment:Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.	Molecular Weight:	16.88 kDa
Restrictions:       For Research Use only         Handling         Format:       Lyophilized         Reconstitution:       It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.         Buffer:       Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.         Handling Advice:       Always centrifuge tubes before opening. Do not mix by vortex or pipetting.         Storage:       4 °C/-20 °C/-80 °C         Storage Comment:       Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.	UniProt:	Q86YW5
HandlingFormat:LyophilizedReconstitution:It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Buffer:Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.Handling Advice:Always centrifuge tubes before opening. Do not mix by vortex or pipetting.Storage:4 °C/-20 °C/-80 °CStorage Comment:Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.	Application Details	
Format:LyophilizedReconstitution:It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH20. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Buffer:Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.Handling Advice:Always centrifuge tubes before opening. Do not mix by vortex or pipetting.Storage:4 °C/-20 °C/-80 °CStorage Comment:Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.	Restrictions:	For Research Use only
Reconstitution:It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Buffer:Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.Handling Advice:Always centrifuge tubes before opening. Do not mix by vortex or pipetting.Storage:4 °C/-20 °C/-80 °CStorage Comment:Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.	Handling	
Dissolve the lyophilized protein in ddH20. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Buffer:Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.Handling Advice:Always centrifuge tubes before opening. Do not mix by vortex or pipetting.Storage:4 °C/-20 °C/-80 °CStorage Comment:Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.	Format:	Lyophilized
Handling Advice:Always centrifuge tubes before opening. Do not mix by vortex or pipetting.Storage:4 °C/-20 °C/-80 °CStorage Comment:Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.	Reconstitution:	Dissolve the lyophilized protein in ddH20.
Storage:       4 °C/-20 °C/-80 °C         Storage Comment:       Lyophilized protein should be stored at < -20 °C, though stable at room temperature for 3 weeks.	Buffer:	Lyophilized from a 0.2 $\mu m$ filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.	Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
	Storage:	4 °C/-20 °C/-80 °C
	Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN1097703 | 09/12/2023 | Copyright antibodies-online. All rights reserved. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</th>Expiry Date:3 months