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Datasheet for ABIN1880646 TACI Protein (AA 1-166) (His tag)



Overview

Quantity:	50 µg
Target:	TACI (TNFRSF13B)
Protein Characteristics:	AA 1-166
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TACI protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human T-lymphocyte Surface Antigen Ly-9/SLAMF3/CD229 (C-6His)
Sequence:	KDSAPTVVSG ILGGSVTLPL NISVDTEIEN VIWIGPKNAL AFARPKENVT IMVKSYLGRL
	DITKWSYSLC ISNLTLNDAG SYKAQINQRN FEVTTEEEFT LFVYEQLQEP QVTMKSVKVS
	ENFSCNITLM CSVKGAEKSV LYSWTPREPH ASESNGGSIL TVSRTPCDPD LPYICTAQNP
	VSQRSSLPVH VGQFCTDPGA SRGGTTGETV VGVLGEPVTL PLALPACRDT EKVVWLFNTS
	IISKEREEAA TADPLIKSRD PYKNRVWVSS QDCSLKISQL KIEDAGPYHA YVCSEASSVT
	SMTHVTLLIY RRLRKPKITW SLRHSEDGIC RISLTCSVED GGNTVMYTWT PLQKEAVVSQ
	GESHLNVSWR SSENHPNLTC TASNPVSRSS HQFLSENICS GPERNTKHHH HHH
Characteristics:	Recombinant Human Tumor necrosis factor receptor superfamily member 13B/TNFRSF13B is
	produced by our mammalian expression system in human cells. The target protein is expressed
	with sequence (Met1-His166) of Human TNFRSF13B fused with a polyhistidine tag and FC tag
	at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

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Product Details	
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test
Target Details	
Target:	TACI (TNFRSF13B)
Alternative Name:	TNFRSF13B (TNFRSF13B Products)
Sub Type:	Fusionprotein
Background:	 Tumor necrosis factor receptor superfamily member 13B (TNFRSF13B), is also known as Transmembrane activator and CAML interactorand, CD267 and TACI. TNFRSF13B is a transmembrane receptor protein found predominantly on the surface of B cells, which are an important part of the immune system. TNFRSF13B is highly expressed in spleen, small intestine, thymus and peripheral blood leukocytes. TNFRSF13B mediates calcineurin-dependent activation of NF-AT, as well as activation of NF-kappa-B and AP-1. TNFRSF13B is involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. Defects in TNFRSF13B are the cause of immunodeficiency common variable type 2 (CVID2) and cause of immunoglobulin A deficiency 2 (IGAD2). Alternative Names: Tumor necrosis factor receptor superfamily member 13B, TNFRSF13B, Transmembrane activator, CAML interactorand, CD267,TACI. 45.6 kDa
UniProt:	Q9HBG7
Application Details	
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 PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

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Handling

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. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months