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Datasheet for ABIN7317835

RELT Protein (His tag)

Overview

Quantity:	100 µg
Target:	RELT
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RELT protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human RELT/TNFRSF19L Protein (His Tag)
Sequence:	Met 1-Ala 160
Characteristics:	A DNA sequence encoding the human RELT (NP_116260.2) extracellular domain (Met 1-Ala 160) was fused with a polyhistidine tag at the C-terminus, with 127R/G & 129R/G mutations.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	RELT
Alternative Name:	RELT/TNFRSF19L (RELT Products)
Background:	Background: Receptor expressed in lymphoid tissues (RELT); also known as tumor necrosis factor receptor superfamily; member 19-like (TNFRSF19L); is a member of the TNF-receptor superfamily. This receptor is especially abundant in hematologic tissues. It has been shown to

Target Details

activate the NF-kappaB pathway and selectively bind TNF receptor-associated factor 1. RELT/TNFRSF19L is capable of stimulating T-cell proliferation in the presence of CD3 signaling; which suggests its regulatory role in immune response. RELT/TNFRSF19L is a type I transmembrane glycoprotein with a cysteine-rich extracellular domain; possessing significant homology to other members of the TNFR superfamily; especially TNFRSF19; DR3; OX40; and LTbeta receptor. RELT/TNFRSF19L is able to activate the NF-kappaB pathway and selectively binds tumor necrosis factor receptor-associated factor 1. RELT/TNFRSF19L is able to activate the NF-κB pathway and selectively binds tumor necrosis factor receptor-associated factor 1. Although the soluble form of RELT fusion protein does not inhibit the one-way mixed lymphocyte reaction; immobilized RELT/TNFRSF19L is capable of costimulating T-cell proliferation in the presence of CD3 signaling.

Synonym: Tumor necrosis factor receptor superfamily member 19L; TNFRSF19L; Receptor expressed in lymphoid tissues; RELT

Molecular Weight:	15.7 kDa
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NCBI Accession:	NP_116260
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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