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Datasheet for ABIN7536487
TNFSF8 Protein (His tag)

Overview

Quantity:	100 µg
Target:	TNFSF8
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF8 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TNFSF8/CD30L Protein
Sequence:	QRTDSIPNSP DNVPLKGGNC SEDLLCILKR APFKKSWAYL QVAKHLNKT LSWNKDGILH GVRVYQDGNLV IQFPGLYFII CQLQFLVQCP NNSVDLKLEL LINKHIKKQA LVTVCESGMQ TKHVYQNLQS FLLDYLVQVNT TISVNVDTFQ YIDTSTFPLE NVLSIFLYSN SD
Specificity:	Gln63-Asp234
Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg

Target Details

Target:	TNFSF8
Alternative Name:	TNFSF8/CD30L (TNFSF8 Products)

Target Details

Background:	<p>Description: CD30 ligand (CD30L), also known as CD153 and TNFSF8, is a membrane-associated glycoprotein belonging to the TNF superfamily and TNFR superfamily, and is a specific ligand for CD30/TNFRSF8 originally described as a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. CD30L is a type-II membrane glycoprotein expressed on activated T cells, stimulated monocyte-macrophages, granulocytes, eosinophils, and some Burkitt-like lymphoma cell lines. CD30L is capable of transducing signals through CD30 on different CD30+ lymphoma cell lines, and mediates pleiotropic biologic effects including cell proliferation, activation, differentiation, as well as cell death by apoptosis. CD30-CD30 ligand interaction has been suggested to have a pathophysiologic role in malignant lymphomas, particularly Hodgkin disease, large cell anaplastic lymphomas and Burkitt lymphomas, and is also involved in activation and functioning of the T cell-dependent immune response. Thus, CD153 and its receptor CD30 are regarded as therapeutic targets in hematologic malignancies, autoimmune and inflammatory diseases.</p> <p>Name: CD153, CD30L, CD30LG, TNLG3A, TNFSF8</p>
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Gene ID:	944
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UniProt:	P32971
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
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Concentration:	0.63 mg/mL
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Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
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Storage:	-20 °C, -80 °C
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Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
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