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Datasheet for ABIN7317038

TNFSF8 Protein

1 Image

Overview

Quantity:	200 µg
Target:	TNFSF8
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human CD153/CD30L/TNFSF8 Protein
Sequence:	Gln 63-Asp 234
Characteristics:	A DNA sequence encoding the human CD30L (NP_001235.1) (Gln63-Asp234) was expressed with two additional amino acids (Gly & Pro) at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TNFSF8
Alternative Name:	CD153/CD30L/TNFSF8 (TNFSF8 Products)
Background:	Background: 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

Target Details

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.

Synonym: CD153,CD30L,CD30LG

Molecular Weight: 19.6 kDa

NCBI Accession: [NP_001235](#)

Application Details

Restrictions: For Research Use only

Handling

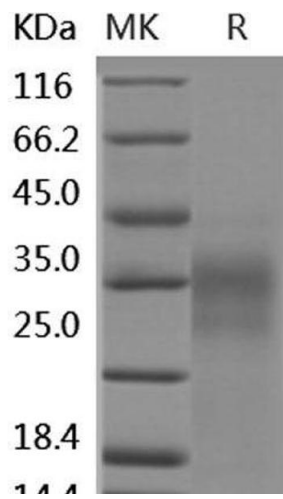
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

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.



Western Blotting

Image 1.