

Datasheet for ABIN7198510 **TNFRSF8 Protein (His tag)**



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Overview

Quantity:	100 µg
Target:	TNFRSF8
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFRSF8 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CD30/TNFRSF8 Protein (His Tag)(Active)
Sequence:	Met 1-Lys 379
Characteristics:	A DNA sequence encoding the human TNFRSF8 (NP_001234.2) extracellular domain (Met 1-Lys 379) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA.2. Immobilized recombinant human CD30 at 2 µg/ml (100 µl/well) can bind human CD30L Fc Chimera with a linear range of 6.4-800 ng/ml.

Target Details

Target:	TNFRSF8
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Target Details

Alternative Name: CD30/TNFRSF8 ([TNFRSF8 Products](#))

Background: CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor (TNFR) superfamily. CD30 protein is expressed by activated, but not resting, T and B cells. CD30 can regulate proliferation of lymphocytes and may also play an important role in human immunodeficiency virus replication. As a regulator of apoptosis, CD30 protein induces cell death or proliferation, depending on the cell type, and has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. CD30 protein expression is upregulated in various hematological malignancies, including Reed-Sternberg cells in Hodgkin's disease (HD), anaplastic large cell lymphoma (ALCL) and subsets of Non-Hodgkin's lymphomas (NHLs), and CD30 is also linked to leukocytes in patients with chronic inflammatory diseases, including lupus erythematosus, asthma, rheumatoid arthritis and atopic dermatitis (AD).
Immune Checkpoint Immunotherapy Cancer Immunotherapy Targeted Therapy
Synonym: Tumor necrosis factor receptor superfamily member 8; CD30L receptor; Ki-1 antigen; Lymphocyte activation antigen CD30; CD30; TNFRSF8;D1S166E

Molecular Weight: 40 kDa

NCBI Accession: [NP_001234](#)

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.