Recombinant Human CD30 Ligand/TNFSF8 Protein (His Tag)

RPES8382

Product Information

Product SKU:	RPES8382	**Expression Host**:	Mammalian	**Size**:	20µg
Tag:	C-His	**Reactivity**:	Human	**Accession**:	P32971

Additional Information

Calculated MW:	18.8 kDa	**Observed MW:**	40 kDa
Sequence:	Val63-Asp234		

Protein Information

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 glycoprotein expressed on activated T cells, stimulated monocyte-macrophages, granulocytes, eosinophils, and some Burkitt-like lymphoma cell lines. CD30L is capable of transducing signals throµgh 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 sµggested 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.

Synonyms: PSOR, CD antigen CD, Tumor necrosis factor ligand superfamily member, TNFSF, S100A, TNFSF8, CD153, CD30L, CD30LG, TNLG3A, CD antigen CD153, CD30 ligand, CD30-L, sCD30 Ligand, soluble CD30 Ligand, Tumor necrosis factor ligand superfamily member 8, S100A7, PSOR1, S100A7C, TNFSF8

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Endotoxin:	< 1.0 EU/mg of the protein as determined by the LAL method
Formulation:	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Purity:	> 90% as determined by reducing SDS-PAGE.
Bio-Activity:	Not validated for activity
Storage:	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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