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37-1044: Human CD153 / CD30L / TNFSF8 Recombinant Protein (Fc Tag)(Discontinued)

Reactivity : Human
Alternative Name : CD153 Protein, CD30L Protein, CD30LG Protein,

Description

Source : HEK293 Cells
CD3 ligand (CD3L), 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 CD3/TNFRSF8 originally described as a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. CD3L is a type-II membrane glycoprotein expressed on activated T cells, stimulated monocyte-macrophages, granulocytes, eosinophils, and some Burkitt-like lymphoma cell lines. CD3L is capable of transducing signals through CD3 on different CD3+ lymphoma cell lines, and mediates pleiotropic biologic effects including cell proliferation, activation, differentiation, as well as cell death by apoptosis. CD3-CD3 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 CD3 are regarded as therapeutic targets in hematologic malignancies, autoimmune and inflammatory diseases.

Product Info

Amount :	Human CD153 / CD30L / TNFSF8 Recombinant Protein (Fc Tag)(Discontinued) / 50 µg
Purification :	> 95 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Gln63-Asp234

Application Note

Measured by its binding ability in a functional ELISA. Immobilized recombinant human CD30L at 20 µg/ml (100 µL/well) can bind biotinylated human CD30 with a linear range of 0.31-20 ng/ml .
Endotoxin :< 1.0 EU per µg of the protein as determined by the LAL method.
Other pack size also available.

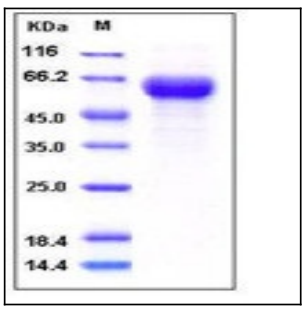


Fig 1: Human CD153 / CD30L / TNFSF8 Recombinant Protein (Fc Tag)

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