

Product datasheet for TP311276

CD153 (TNFSF8) (NM_001244) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tumor necrosis factor (ligand) superfamily, member 8 (TNFSF8), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211276 protein sequence Red =Cloning site Green =Tags(s)
	<p>MDPGLQQALNGMAPPGDTAMHVPAGSVASHLGTTSRSYFYLTATLALCLVFTVATIMVLVVQRTDSIPN SPDNVPLKGGNCSEDLKILKRAPFKKSWAYLQVAKHLNKTKLSWKNKDILHGVRVYQDGNLVIQFPLGYF IICQLQLVQCPNNSVDLKLLELLINKHIKKQALVTVCESGMQTKHVYQNLSQLLDYLVQNTTISVNVDT FQYIDTSTFPLENVLSIFLYSNSD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	25.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001235</u>
Locus ID:	944



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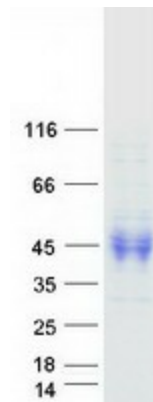
UniProt ID: [P32971, Q52M88](#)
RefSeq Size: 3797
Cytogenetics: 9q32-q33.1
RefSeq ORF: 702
Synonyms: CD30L; CD30LG; CD153; TNLG3A

Summary: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Product images:



Coomassie blue staining of purified TNFSF8 protein (Cat# TP311276). The protein was produced from HEK293T cells transfected with TNFSF8 cDNA clone (Cat# [RC211276]) using MegaTran 2.0 (Cat# [TT210002]).