TNFSF8 (Human) Recombinant Protein

Catalog # P9255 Size 25 ug

Specification

Product Description	Human TNFSF8 partial recombinant protein with His tag in N-terminus expressed in *Escherichia coli* .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSQRTDSIPNSPDNVPLKGGNCSEDLLCILKRAPFKKSWAYLQ VAKHLNKTKLSWNKDGILHGVRYQDGNLVIQFPGLYFIICQLQFLVQCPNNSVDLKLELLINKHIKKQ ALVTVCESGMQTKHVYQNLSQFLLDYLQVNTTISVNVDTFQYIDTSTFPLENVLSIFLYSNSD.
Host	Escherichia coli
Theoretical MW (kDa)	22
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 80% as determined by SDS-PAGE.
Storage Buffer	Solution (0.5 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 0.4 M Urea.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — TNFSF8

Entrez GeneID	944

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Protein Accession#	P32971
Gene Name	TNFSF8
Gene Alias	CD153, CD30L, CD30LG, MGC138144
Gene Description	tumor necrosis factor (ligand) superfamily, member 8
Omim ID	603875
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) lig and family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a ma rker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytoki ne 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 an d reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cy tokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. [provided by RefSeq
Other Designations	CD153 antigen|CD30 antigen ligand|CD30 ligand|OTTHUMP00000022762

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- Kidney Failure
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Myeloma
- Occupational Diseases

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- Waldenstrom Macroglobulinemia
- Werner syndrome

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