Bioactive

TNFSF8 (Human) Recombinant Protein

Catalog # P6341 Size 250 ug

Specification

Product Description	Human TNFSF8 (P32971) recombinant protein expressed in HEK293 cells.
Host	Human
Theoretical MW (kDa)	65
Form	Lyophilized
Purity	> 97%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	The activity was tested by the ability of immobilized recombinant human CD30L to bind Human CD30 with a linear range of 300-2000 pg/mL.
Storage Buffer	Lyophilized from 0.2 um filtered PBS solution, pH7.2, 5% Trehalose.
Storage Instruction	Stored at -20°C to-80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 12 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Western Blot

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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