

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

- Western Blot
- Functional Study

Gene Info — TNFSF8

Entrez GeneID

[944](#)

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	<p>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. [provided by RefSeq]</p>
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](#)

- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)