

HuPro®

TNFSF8 (Human) Recombinant Protein

Catalog # H00000944-H02

Size 25 ug

Specification

Product Description	Purified TNFSF8 (AAH93630.1, 63 a.a. - 234 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293H cells
Sequence	QRTDSIPNSPDNVPLKGGNCSEDLLCILKRAPFKKSWAYLQVAKHLNKTCLSWNKDGILHGVRVYQ DGNLVIQFPGLYFICQLQFLVQCPNNSVDLKLELLINKHIKKQALVTVCESGMQTKHVVQNLSQFL DYLQVNTTISVNVDTFQYIDTSTFPLENVLSIFLYSNSD
Host	Human
Theoretical MW (kDa)	24.2
Interspecies Antigen Sequence	Mouse (75)
Form	Liquid
Preparation Method	Transfection of pSuper-TNFSF8 plasmid into HEK293H cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

- SDS-PAGE
- Protein Interaction

Gene Info — TNFSF8

Entrez GeneID [944](#)

GeneBank Accession# [BC093630.1](#)

Protein Accession# [AAH93630.1](#)

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 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]

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](#)