

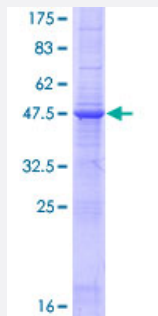
Full-Length

TNFSF8 (Human) Recombinant Protein (P01)

Catalog # H00000944-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TNFSF8 full-length ORF (NP_001235.1, 1 a.a. - 234 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDPGLQQALNGMAPPGDTAMHVPAGSVASHLGTTSRSYFYLTATLALCLVFTVATIMVLVVQRT
DSIPNSPDNVPLKGGNCSEDLLCILKRAPFKKSWAYLQVAKHLNKTLSWNKDGLHGVRVYQDGN
LVIQFPGLYFIICQLQFLVQCPNNSVDLKLELLINKHIKKQALVTVCESGMQTKHVVYQNLSSQFLLDYL
QVNTTISVNVDTFQYIDTSTFPLENVLSIFLYSNSD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

52.4

Interspecies Antigen Sequence

Mouse (70)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TNFSF8

Entrez GeneID [944](#)

GeneBank Accession# [NM_001244.2](#)

Protein Accession# [NP_001235.1](#)

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) 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]

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](#)