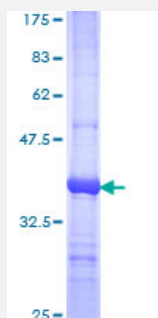


TNFSF18 (Human) Recombinant Protein (Q01)

Catalog # H00008995-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TNFSF18 partial ORF (NP_005083, 68 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KWQMASSEPPCVNKVSDWKLEILQNGLYLYGQVAPNANYNDVAPFEVRLYKNKDMIQTLTNKSKI QNVGGTYELHVGDTIDLIFNSEHQVLKNNTYWGIILLANPQFIS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (51)
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 — TNFSF18

Entrez GeneID [8995](#)

GeneBank Accession# [NM_005092](#)

Protein Accession# [NP_005083](#)

Gene Name TNFSF18

Gene Alias AITRL, GITRL, MGC138237, TL6, hGITRL

Gene Description tumor necrosis factor (ligand) superfamily, member 18

Omim ID [603898](#)

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 receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells. [provided by RefSeq]

Other Designations AITR ligand|GITR ligand|glucocorticoid-induced TNFR-related protein ligand

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Inflammatory Bowel Diseases](#)
- [Leukemia](#)
- [Lymphoproliferative Disorders](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)