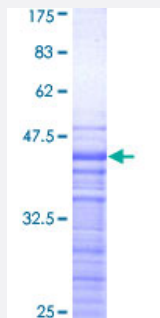


TNFSF12 (Human) Recombinant Protein (Q01)

Catalog # H00008742-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TNFSF12 partial ORF (AAH19047, 49 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SLSAQEPAQEELVAEEDQDPSELNPQTEESQDPAPFLNRLVRPRRSAPKGRKTRARRAIAAHYE VHPRPGQDGAQADGGYTTCLRP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.2
Interspecies Antigen Sequence	Mouse (84); Rat (81)
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 — TNFSF12

Entrez GeneID [8742](#)

GeneBank Accession# [BC019047](#)

Protein Accession# [AAH19047](#)

Gene Name TNFSF12

Gene Alias APO3L, DR3LG, MGC129581, MGC20669, TWEAK

Gene Description tumor necrosis factor (ligand) superfamily, member 12

Omim ID [602695](#)

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 protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Some transcripts that skip the last exon of this gene and continue with the second exon of the neighboring TNFSF13 gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq]

Other Designations APO3/DR3 ligand|TNF-related WEAK inducer of apoptosis

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Lupus Erythematosus](#)
- [Occupational Diseases](#)