

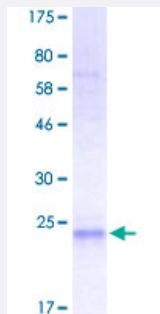
HuPro®

TNFSF12 (Human) Recombinant Protein

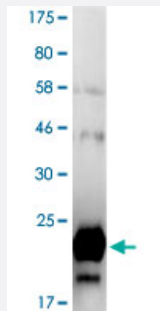
Catalog # H00008742-H01

Size 2 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description	Purified TNFSF12 (NP_003800.1 106 a.a. - 249 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293T cells
Sequence	AIAAHYEVHPRPGQDGAQAGVDGTVSGWEEARINSSSPLRYNRQIGEFVTRAGLYLYCQVHFDE GKAVYKLKDLLVDGVLALRCLEEFSAATAASSLGPQLRLCQVSGLLALRPGSSLRIRTLPPWAHLKA APFLTYFGLFQVH
Host	Human
Theoretical MW (kDa)	21.12

Interspecies Antigen Sequence

Mouse (84); Rat (81)

Form

Liquid

Preparation MethodTransfection of pSuper-TNFSF12 plasmid into HEK293T cell, and the expressed protein was purified by *Strep*-Tactin affinity column.**Purification***Strep*-Tactin affinity columns**Concentration**

≥ 10 ug/ml

Quality Control TestingSDS-PAGE and Western Blot
SDS-PAGE Gel
Western Blot**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 — TNFSF12

Entrez GeneID[8742](#)**GeneBank Accession#**[NM_003809.1](#)**Protein Accession#**[NP_003800.1](#)**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](#)