

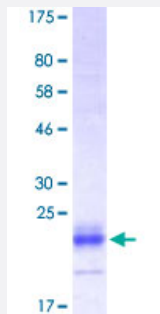
HuPro®

TNFSF14 (Human) Recombinant Protein

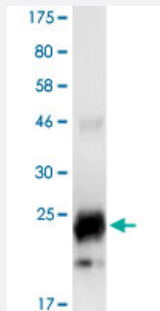
Catalog # H00008740-H01

Size 25 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description	Purified TNFSF14 (NP_742011.1 89 a.a. - 240 a.a.) human recombinant protein with His-Flag-Strep II tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293T cells
Sequence	SHEVNPA AHLTGANSSLTGSGGPLLWETQLGLAFLRGLSYHDGALVVTKAGYYYYSKVQLGGVG CPLGLASTITHGLYKRTPRYPEEELELLVSQQSPCGRATSSSRVWWDSSFLGGVVHLEAGEKVVV RVLDERLVRLRDGTRSYFGAFMV
Host	Human
Theoretical MW (kDa)	22

Interspecies Antigen Sequence

Mouse (66); Rat (68)

Form

Liquid

Preparation MethodTransfection of pSuper-TNFSF14 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 — TNFSF14

Entrez GeneID[8740](#)**GeneBank Accession#**[NM_172014.1](#)**Protein Accession#**[NP_742011.1](#)**Gene Name**

TNFSF14

Gene Alias

CD258, HVEM, LIGHT, LTg, TR2

Gene Description

tumor necrosis factor (ligand) superfamily, member 14

Omim ID [604520](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations

delta transmembrane LIGHT|herpesvirus entry mediator A|ligand for herpesvirus entry mediator|tumor necrosis factor ligand superfamily, member 14|tumor necrosis factor receptor-like 2|tumor necrosis factor superfamily member LIGHT

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Dementia](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hyperparathyroidism](#)
- [Inflammation](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Narcolepsy](#)
- [Occupational Diseases](#)
- [Stroke](#)

- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)