

Proteoliposomes

Full-Length

TNFSF14 (Human) Recombinant Protein

Catalog # H00008740-G01

Size 10 ug

Specification

Product Description	Human TNFSF14 full-length ORF (NP_742011.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MEESVVRPSVFVVDGQTDIPFTRLGRSHRRQSCSVARDGPAGSWEQLIQERRSHEVNPAAHLT GANSSLTGSGGPLLWETQLGLAFLRGLSYHDGALVVTKAGYYYYSKVQLGGVGCPLGLASTITHG LYKRTPRYPEELELLVSQQSPCGRATSSSRVWWDSSFLGGVVHLEAGEEVVVRVLDERLVRLR DGTRSYFGAFMV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	22.4
Interspecies Antigen Sequence	Mouse (66); Rat (68)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
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

- Antibody Production

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](#)