

Tumor necrosis factor ligand superfamily member 14 (TNFSF14) Active Protein | TNFSF14 active protein

Recombinant Human Tumor necrosis factor ligand superfamily member 14 (TNFSF14), partial

CATALOG # AAA244031	HOST Mammalian Cell
-------------------------------	-------------------------------

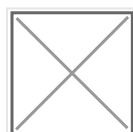
PRODUCT SYNONYMS

Tumor necrosis factor ligand superfamily member 14 (TNFSF14); Recombinant Human Tumor necrosis factor ligand superfamily member 14 (TNFSF14); partial; Herpes virus entry mediator ligand; HVEM-L; Herpesvirus entry mediator ligand; CD258; HVEM-L; LIGHT; UNQ391; PRO726; TNFSF14 active protein

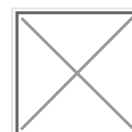
PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. Lyophilized from a 0.2 um filtered PBS, 6% Trehalose, pH7.4 Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	74-240aa; partial
Sequence	DGPAGSWEQL IQERRSHEVN PAAHLTGANS SLTGSGGPLL WETQLGLAFL RGLSYHDGAL VVTKAGYYYI YSKVQLGGVG CPLGLASTIT HGLYKRTPRY PEELELLVSQ QSPCGRATSS SRVWWDSSFL GGVVHLEAGE KVVRVLDER LVRLRDGTRS YFGAFMV
Species	Human
Endotoxin	Less than 1.0EU/ug as determined by LAL method.
Biological Activity	1: Measured by its binding ability in a functional ELISA. Immobilized TNFRSF14 at 5ug/ml can bind TNFSF14, the EC50 is 45.44-53.29ng/ml.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



Bioactivity



SDS-PAGE

Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Related Product Information for TNFSF14 active protein	Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Acts as a ligand for TNFRSF14/HVEM (PubMed:9462508, PubMed:10754304). Upon binding to TNFRSF14/HVEM, delivers costimulatory signals to T cells, leading to T cell proliferation and IFNG production (PubMed:10754304).
Product Categories/Family for TNFSF14 active protein	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952144
NCBI GeneID	8740
NCBI Accession #	NP_003798.2
NCBI GenBank Nucleotide #	NM_003807.3
UniProt Accession #	O43557; O75476; Q6FHA1; Q8WVF8; Q96LD2; A8K7M2; C9J5H4
Molecular Weight	26,350 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 14 isoform 1
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 14
NCBI Official Symbol	TNFSF14
NCBI Official Synonym Symbols	LTg; TR2; CD258; HVEML; LIGHT
NCBI Protein Information	tumor necrosis factor ligand superfamily member 14; delta transmembrane LIGHT; herpesvirus entry mediator A; herpesvirus entry mediator ligand; herpesvirus entry mediator-ligand; herpes virus entry mediator ligand; ligand for herpesvirus entry mediator; t
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 14
UniProt Gene Name	TNFSF14
UniProt Synonym Gene Names	HVEML; LIGHT; HVEM-L
UniProt Entry Name	TNF14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/tumor-necrosis-factor-ligand-superfamily-member-14-tnfsf14/244031>