

Active Recombinant Human TNFSF14 protein, Fc-tagged

Cat. No. TNFSF14-0342H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF14 protein(Asp74-Val240), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	74-240 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human HVEM, His Tag at 5 µg/mL (100 µL/well) can bind Human LIGHT Protein, Fc Tag with a linear range of 0.2-4 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the N-terminus. The protein has a calculated MW of 82.6 kDa. The protein migrates as 116 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asp74-Val240
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TNFSF14 tumor necrosis factor (ligand) superfamily, member 14 [Homo sapiens]

Official Symbol TNFSF14

Synonyms TNFSF14; tumor necrosis factor (ligand) superfamily, member 14; tumor necrosis factor ligand superfamily member 14; CD258; HVEM L; LIGHT; LTg; 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; tumor necrosis factor receptor-like 2; tumor necrosis factor superfamily member LIGHT; TR2; HVEM L;

Gene ID 8740

mRNA Refseq NM_003807

Protein Refseq NP_003798

MIM 604520

UniProt ID O43557

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