

Active Recombinant Human TNFSF14 protein(Asp74-Val240), rFc-tagged

Cat. No. TNFSF14-1324H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF14 (AAK26160.1) (Asp74-Val240) was expressed in HEK293 with the Fc region of rabbit IgG at the N-terminus..
Species	Human
Source	HEK293
ProteinLength	Asp74-Val240
Form	Lyophilized from sterile 50 mM Tris, 100 mM NaCl, pH 8.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using Human umbilical vein endothelial cells (HUVEC). The ED50 for this effect is typically 5-25 ng/mL.
Molecular Mass	The recombinant Human TNFSF14 consists of 418 amino acids and predicts a molecular mass of 45.7 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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