

Recombinant Human TNFSF14 protein, His & S-tagged

Cat. No. TNFSF14-7782H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF14 aa. (His62~Val240 (Accession# O43557)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	His62~Val240
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	TNFSF14 TNF superfamily member 14 [Homo sapiens (human)]
Official Symbol	TNFSF14
Synonyms	TNFSF14; TNF superfamily member 14; LTg; CD258; HVEM; LIGHT; tumor necrosis factor ligand superfamily member 14; herpesvirus entry mediator ligand; tumor necrosis factor (ligand) superfamily, member 14; tumor necrosis factor ligand 1D; tumor necrosis factor superfamily member 14
Gene ID	8740

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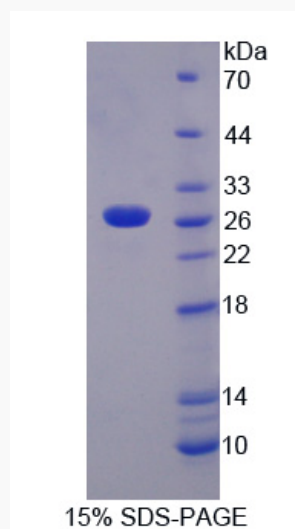
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mRNA Refseq NM_003807.4

Protein Refseq NP_003798.2

UniProt ID O43557

SDS-PAGE



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