

Recombinant Human TNFSF14 Protein, His-tagged

Cat. No. TNFSF14-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human tumor necrosis factor superfamily member 14(TNFSF14) protein, transcript variant 1(NM_003807), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
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	Purified protein formulated in a sterile solution of TBS buffer, pH7.212, without any preservatives.
Molecular Mass	22 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)

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Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.
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