Recombinant Human TNFSF14 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. TNFSF14-288H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TNFSF14 MS Standard C13 and N15-labeled recombinant protein (NP_003798) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Jul 2008]
Molecular Mass	26.35 kDa
AA Sequence	MEESVVRPSVFVVDGQTDIPFTRLGRSHRRQSCSVARVGLGLLLLLMGAGLAVQG WFLLQLHWRLGEMVTRLPDGPAGSWEQLIQERRSHEVNPAAHLTGANSSLTGSGG PLLWETQLGLAFLRGLSYHDGALVVTKAGYYYIYSKVQLGGVGCPLGLASTITHGLY KRTPRYPEELELLVSQQSPCGRATSSSRVWWDSSFLGGVVHLEAGEKVVVRVLDE

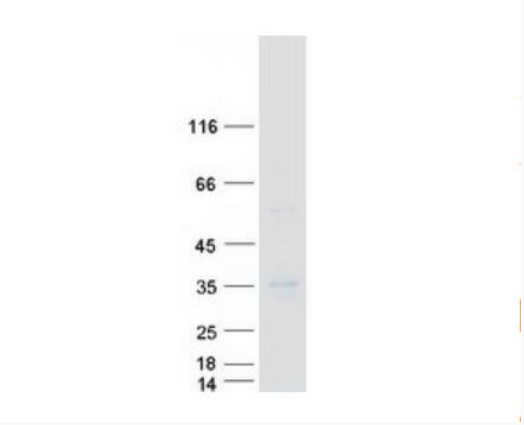
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	RLVRLRDGTRSYFGAFMVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TNFSF14 tumor necrosis factor (ligand) superfamily, member 14 [Homo sapiens (human)]
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; HVEML;
Gene ID	8740
mRNA Refseq	NM_003807

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Protein Refseq	NP_003798
MIM	604520
UniProt ID	O43557
SDS-PAGE	

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