

Recombinant Human Tumor Necrosis Factor (ligand) Superfamily, Member 14

Cat. No. TNFSF14-354H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFSF14 was expressed in E. coli and purified recombinant Human TNFSF14 protein.
Species	Human
Source	Human
Description	TNFSF14 belongs to the TNF family of ligands, and can signal through the herpes virus entry mediator type A receptor (HVEM, TNFRSF14), LTβR, or bind to a decoy receptor, DcR3. It is expressed in splenocytes, activated PBL, CD8 ⁺ tumor infiltrating lymphocytes, granulocytes, and monocytes. TNFSF14 has the ability to activate NF-κB, to co-stimulate the activation of lymphocytes and to induce apoptosis in certain human tumor cells.
Form	Supplied as lyophilized powder.
Purity	> 98% pure by SDS-PAGE and HPLC
Sequence	1-248 amino acids: MERASLIQKA KLA EQAERYE DMAAFMKGAV EKGEELSCEE RNLLSVAYKN VVGQRAAWR VLSSIEQKSNEEGSEEKGPE VREYREKVET ELQGVCDTVL GLLD SHLIKE AGDAESRVFY LKMKGDYYRY LAEVATGDDKKRIIDSARSA YQEAMDISKK EMPPTNP IRL GLALNFSVFH YEIANSPEEA ISLAKTTFDE AMADLHTLSEDSYKD

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Molecular Mass	20.1 kDa
Applications	Numerous applications are possible with this product and should be tested by the enduser under their own laboratory conditions.
Storage	Store at 4 deg C until reconstitution. Following reconstitution aliquot and freeze at -20 degC for long term storage. Avoid repeated freeze/thaw cycles.
Official Symbol	TNFSF14

GENE INFORMATION

Gene Name	TNFSF14 tumor necrosis factor (ligand) superfamily, member 14 [Homo sapiens]
Synonyms	TNFSF14; tumor necrosis factor(ligand) superfamily, member 14; LTg; TR2; CD258; HVEM-L; LIGHT; delta transmembrane LIGHT; herpesvirus entry mediator A; ligand for herpesvirus entry mediator; tumor necrosis factor receptor-like 2; tumor necrosis factor superfamily member LIGHT; CD258 antigen; Herpesvirus entry mediator-ligand; ligand for herpesvirus entry mediator; tumor necrosis factor ligand superfamily, member 14; HVEM-L; Tumor necrosis factor ligand superfamily member 14, membrane form; Tumor necrosis factor ligand superfamily member 14, soluble form
Gene ID	8740
mRNA Refseq	NM_003807
Protein Refseq	NP_003798
MIM	604520
UniProt ID	O43557

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Chromosome Location	19p13.3
Pathway	Cytokine-cytokine receptor interaction; Herpes simplex infection
Function	caspase inhibitor activity; cytokine activity; tumor necrosis factor receptor binding

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