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

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

SPECIFICATION

Product Overview	Recombinant human TNFSF14was expressed in E. coli and purified recombinant Human TNFSF14 protein.
Species	Human
Source	Human
Description	TNFSF14 belongs tothe TNF family of ligands, and can signal through the herpes virus entrymediator type A receptor (HVEM, TNFRSF14), LTbetaR, or bind to a decoyreceptor, DcR3. It is expressed in splenocytes, activated PBL, CD+8tumor infiltrating lymphocytes, granulocytes, and monocytes. TNFSF14 has theability to active NF kb, to co-stimulate the activation of lymphocytes and toinduce apoptosis in certain human tumor cells.
Form	Supplied as alyophilized powder.
Purity	> 98% pure by SDSPAGE and HPLC
Sequence	1-248 amino acids:MERASLIQKA KLAEQAERYE DMAAFMKGAV EKGEELSCEE RNLLSVAYKN VVGGQRAAWR VLSSIEQKSNEEGSEEKGPE VREYREKVET ELQGVCDTVL GLLDSHLIKE AGDAESRVFY LKMKGDYYRY LAEVATGDDKKRIIDSARSA YQEAMDISKK EMPPTNPIRL GLALNFSVFH YEIANSPEEA ISLAKTTFDE AMADLHTLSEDSYKD

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

GENE INFORMATION

Gene Name	TNFSF14tumor necrosis factor (ligand) superfamily, member 14 [Homo sapiens]
Synonyms	TNFSF14; tumor necrosis factor(ligand) superfamily, member 14; LTg; TR2; CD258; HVEML; LIGHT; deltatransmembrane LIGHT; herpesvirus entry mediator A; ligand for herpesvirusentry mediator; tumor necrosis factor receptor-like 2; tumor necrosis factorsuperfamily member LIGHT; CD258 antigen; Herpesvirus entry mediator-ligand;ligand for herpesvirus entry mediator; tumor necrosis factor ligandsuperfamily, member 14; HVEM-L; Tumor necrosis factor ligand superfamilymember 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 receptorinteraction; Herpessimplex infection
Function	caspase inhibitor activity;cytokine activity; tumor necrosis factor receptor binding

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