

Recombinant Human TNFSF14, FLAG-tagged

Cat. No. TNFSF14-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LIGHT (aa 89-240) is fused at the N-terminus to a FLAG-tag.
Species	Human
Source	CHO
ProteinLength	89-240 a.a.
Description	LIGHT (HVEML; CD258) is a cytokine that binds to TNFRSF3/LTBR. It activates NF-kappa;B, stimulates the proliferation of T cells, and inhibits growth of the adenocarcinoma HT-29. Acts as a receptor for Herpes simplex virus.
Form	Lyophilized. Contains PBS.
Molecular Mass	~25kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.
Concentration	0.1mg/ml after reconstitution.

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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
Chromosome Location	19p13.3
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;
Function	cysteine-type endopeptidase inhibitor activity involved in apoptotic process; cytokine

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activity; protein binding; receptor binding; tumor necrosis factor receptor binding;

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