

Recombinant Human TNFSF14 protein, His-Flag-tagged

Cat. No. TNFSF14-144H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LIGHT is expressed from HEK293 with a His tag and Flag Tag at the N-terminal. It contains Asp74-Val240 Trimer Design.
Species	Human
Source	HEK293
ProteinLength	It contains Asp74-Val240 Trimer Design.
Description	LIGHT, also known as tumor necrosis factor superfamily member 14 (TNFSF14), is a secreted protein of the TNF superfamily. It is recognized by herpesvirus entry mediator (HVEM), as well as decoy receptor 3. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 52.4kDa. Due to glycosylation, the protein migrates to 52- 140KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.05EU per ug by the LAL method.
Purity	> 95% as determined by SDS-PAGE
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

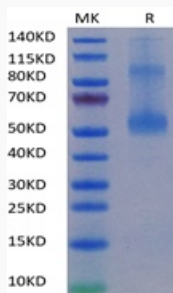
Gene Name	TNFSF14 tumor necrosis factor (ligand) superfamily, member 14 [Homo sapiens]
Official Symbol	TNFSF14
Synonyms	CD258 antigen; CD258;TNFSF14; delta transmembrane LIGHTHerpes virus entry mediator ligand; Herpesvirus entry mediator ligand; HVEM-L; HVEMLherpesvirus entry mediator-ligand; ligand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

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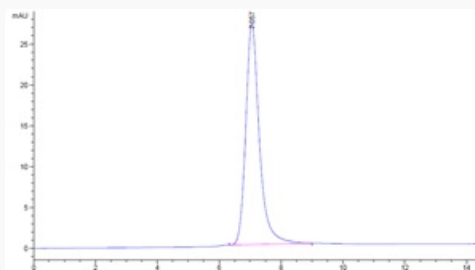
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Tris-Bis PAGE



HPLC data



ELISA data

