Recombinant Human TNFSF14 protein, His-Flag-tagged

Cat. No. TNFSF14-6775H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF14 protein(O43557-1)(Ser89-Val240), fused with N-terminal His-Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser89-Val240
Tag	N-His-Flag
Form	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human LIGHT Trimer, His tag at 5μg/ml (100 μl/well) on the plate. Dose response curve for Human HVEM, hFc Tag with the EC50 of 17.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 52.4 kDa. Due to glycosylation, the protein migrates to 53-140 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C; Recommend to aliquot

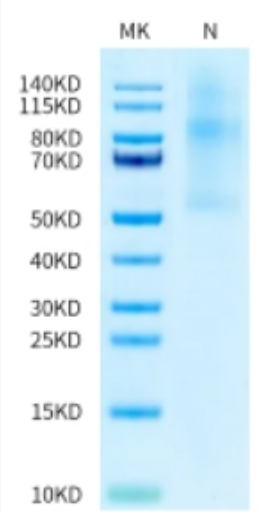
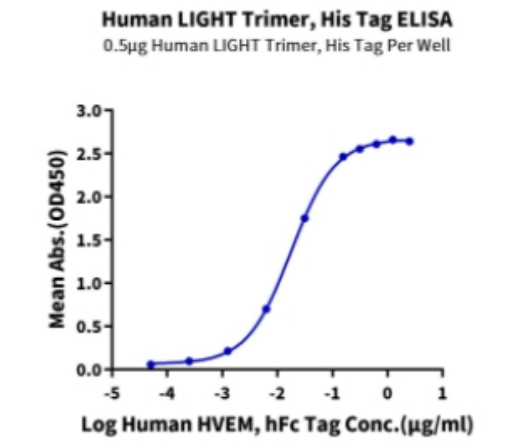
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
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	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
Protein Refseq	NP_003798
MIM	604520
UniProt ID	O43557

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Tris-Bis PAGE	
ELISA Data	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA