Human LIGHT/TNFSF14 Protein

Catalog # LIGHT-HF001 Form: Lyophilized

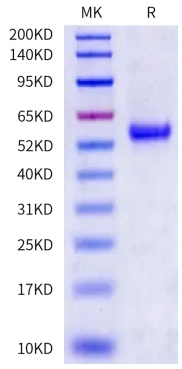
Product Details

Product description	Recombinant Human LIGHT/TNFSF14 Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the N-terminus. It contains amino acid residues Asp74-Val240 (UniProt accession: O43557-1).
Molecular aliases	CD258; TNFSF14; HVEM-L; LIGHT; LTg; TR2
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 45.5 kDa. Due to glycosylation, the protein migrates to 53-60 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per ug by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human LIGHT on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.