Human/Cynomolgus/Rhesus macaque CD40 Ligand/TNFSF5 Trimer Protein

Catalog # CD40-HF002 Form: Lyophilized

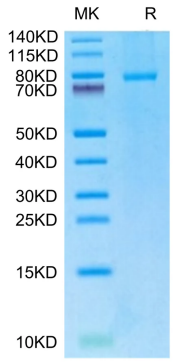
Product Details

Product description	Recombinant Human/Cynomolgus/Rhesus macaque CD40 Ligand/TNFSF5 Trimer Protein is expressed in HEK293 cells with monomeric hFc tag at the N-terminus. It contains amino acid residues Met113-Leu261 trimer design (accession: P29965(Human) / G7Q1T4(Cynomolgus) / P63304(Rhesus macaque)).
Molecular aliases	CD40L; CD40LG; CD154; TNFSF5; TNFSF5IMD3; CD40LIGM; gp39; HIGM1; T-BAM; TRAP; IGM; IMD3; CD40 Ligand
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 74.9 kDa. Due to glycosylation, the protein migrates to 75-80 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg 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/Cynomolgus/Rhesus macaque CD40 Ligand (Trimer) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.