Human/Cynomolgus/Rhesus macaque CD28 Protein

Catalog # CD28-HP003 Form: Lyophilized

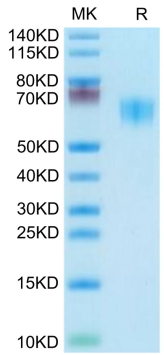
Product Details

Product description	Recombinant Human/Cynomolgus/Rhesus macaque CD28 Protein is expressed in HEK293 cells with an mFc (IgG2a) tag at the N-terminus. It contains amino acid residues Asn19-Pro152 (UniProt accession: P10747-1).
Molecular aliases	CD28 antigen (Tp44); CD28 antigen; CD28 molecule; CD28; MGC138290; T-cell-specific surface glycoprotein CD28; Tp44
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 41.9 kDa. Due to glycosylation, the protein migrates to 65-68 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 CD28 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.