Human PD-1/PDCD1 Protein

Catalog # PD1-HP004 Form: Lyophilized

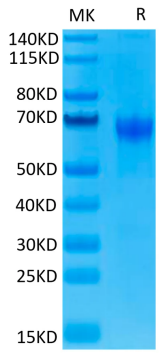
Product Details

Product description	Recombinant Human PD-1/PDCD1 Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Leu25-Gln167 (UniProt accession: Q15116-1).
Molecular aliases	PDCD1; PD1; CD279; SLEB2; PD-1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 42.6 kDa. Due to glycosylation, the protein migrates to 65-72 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 PD-1 on Bis-Tris PAGE under reduced. The purity is greater than 95%.