Human IL-12 R beta 1/CD212 Protein

Catalog # CD212-HF001 Form: Lyophilized

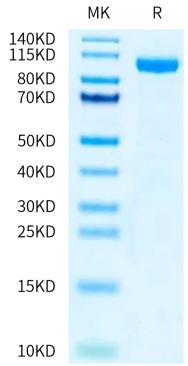
Product Details

Product description	Recombinant Human IL-12 R beta 1/CD212 Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Cys24-Glu540 (UniProt accession: P42701-1).
Molecular aliases	IL-12R-beta-1; IL-12RB1; IL12R; IL12RB; CD212; IL-12R subunit beta-1; IL-12R-BETA1; MGC34454;IL-12R-β-1; IL-12R subunit β-1; IL-12R-β1;IL12R-beta-1; IL12RB1; IL12R subunit beta-1; IL12R-BETA1; IL12R-β-1; IL12R subunit β-1; IL12R-β1;IL-12R-b-1; IL12R-b1; IL-12R subunit b-1; IL12R subunit b1; IL-12R-b1; IL-12R-beta 1; IL12R-beta 1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 83.85 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm 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 IL-12 R beta 1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.