Human IL-1R2/IL-1 RII/CD121b Protein

Catalog # CD121B-HF001 Form: Lyophilized

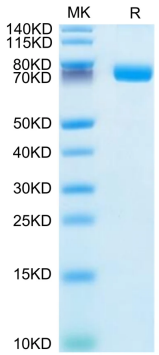
Product Details

Product description	Recombinant Human IL-1R2/IL-1 RII/CD121b Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Phe14-Glu343 (accession: NP_004624.1).
Molecular aliases	IL-1R-2; IL-1RT-2; IL-1RT2; CDw121b; IL-1R-beta; CD121b; IL1RB; IL1R2; IL-1 RII; MGC47725; IL-1R-β;IL1RT2; IL1R-beta; IL1RII; IL1R-β;IL-1R-b; IL1R-b
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 64.4 kDa. Due to glycosylation, the protein migrates to 70-80 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 0.22μm 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 IL-1R2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.