Biotinylated Human IFN alpha/beta R1 Protein

Catalog # IFN-HB003 Form: Lyophilized

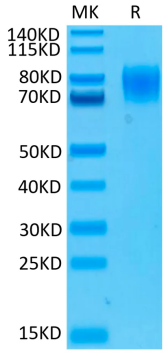
Product Details

Product description	Recombinant Biotinylated Human IFN alpha/beta R1 Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Lys28-Lys436 (UniProt accession: P17181-1).
Molecular aliases	AVP; IFN-alpha/beta R1; IFN-alpha-REC; IFNAR; IFNAR1; IFN-aR1; IFNBR; IFNbR1; IFN-R-1; CRF2-1; IFRC; IFN-alpha/β R1; IFN-R1; IFN-alpha/b R1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 50.2 kDa. Due to glycosylation, the protein migrates to 75-100 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

Biotinylated Human IFN alpha/beta R1 on Bis-Tris PAGE under reduced conditions. The purity is greater than 95%.