Biotinylated Human IL-1 alpha/IL-1A Protein

Catalog # IL1-HB002 Form: Lyophilized

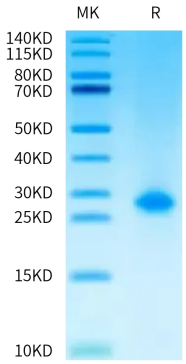
Product Details

Product description	Recombinant Biotinylated Human IL-1 alpha/IL-1A Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Ser113-Ala271 (UniProt accession: P01583).
Molecular aliases	Interleukin-1 alpha; IL-1 alpha; Hematopoietin-1; IL1A; IL1F1; IL-1 ALPHA; IL1α; IL-1A; IL1; IL1 alpha; Interleukin-1; Interleukin 1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 20.95 kDa. Due to glycosylation, the protein migrates to 25-32 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 0.22 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

Biotinylated Human IL-1 alpha on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.