Biotinylated Human IL-1 Beta/IL-1F2 Protein

Catalog # IL1-HB001 Form: Lyophilized

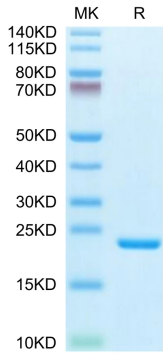
Product Details

Product description	Recombinant Biotinylated Human IL-1 Beta/IL-1F2 Protein is expressed from E.coil with a His tag and Avi tag at the C-terminus. It contains amino acid residues Ala117-Ser269 (UniProt accession: P01584).
Molecular aliases	Interleukin-1 beta; IL-1 beta; IL1F2; IL1B; IL-1BETA; IL1F2; IL-1β; IL-1 beta; IL-1B; Interleukin-1 β; IL-1 β; IL-1β; IL-1 β; IL1 beta; IL1BETA; IL1β; IL1 β; Interleukin-1 b; Interleukin-1b; IL-1 b
Expression system	E. coli
Molecular weight	The protein has a predicted MW of 20.1 kDa same as 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 24 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 Beta on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.