Biotinylated Human IL-23 alpha&IL-12 beta Protein

Catalog # IL23-HB001 Form: Lyophilized

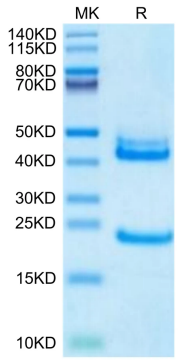
Product Details

Product description	Recombinant Biotinylated Human IL-23 alpha&IL-12 beta Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus of IL-23 alpha. It contains amino acid residues Arg20-Pro189 (IL-23 alpha) and Ile23-Ser328 (IL-12 beta) (accession: Q9NPF7(IL-23 alpha) & P29460(IL-12 beta)).
Molecular aliases	IL23 alpha; IL12 beta; IL23 alpha&IL12 beta; IL12 β; IL23 alpha&IL12 β; IL-23A&IL-12B; IL23A&IL12B;IL12 b; IL12b; IL23 alpha&IL12 b; IL23 alpha&IL12b
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 21.7 kDa (IL-23 alpha) and 34.7 kDa (IL-12 beta). Due to glycosylation, the protein migrates to 24 kDa (IL-23 alpha) and 40-50 kDa (IL-12 beta) 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 IL-23 alpha&IL-12 beta on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.