

IL-23 Protein, Human, Recombinant (His & Avi), Biotinylated

General Information

Synonyms:	IL23;IL-23;P19;IL23P19;SGRF;IL-23A
Protein Construction:	A DNA sequence encoding the human IL23 complex composed of human IL12B (NP_002178.2) (Met1-Ser328) and human IL23A (NP_057668.1) (Arg20-Pro189) linked by a polypeptide linker was fused with a c-terminal AVI tagged polyhistidine tag at the C-terminus. The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed. Predicted N terminal: Ile 23
Species:	Human
Expression Host:	HEK293 Cells
Accession:	NP_002178.2&NP_057668.1
Molecular Weight:	57.6 kDa (predicted)

QC Testing

Biological Activity:	Immobilized Human IL23 Receptor Protein (ECD, hFc Tag) at 2 µg/mL (100 µL/well) can bind Human IL-23 Protein (His & AVI Tag), Biotinylated, the EC50 is 180-540 ng/mL.
Purity:	> 95 % as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Supplied as sterile 50 mM Tris, 100 mM NaCl, 10% glycerol, 0.02% Tween 80, 10% Trehalose, pH 8.5.

Preparation and Storage

Reconstitution:	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Stability & Storage:	It is recommended to store the product under sterile conditions at -20°C to -80°C. Samples are stable for up to 12 months. Please avoid multiple freeze-thaw cycles and store products in aliquots. <small>Actual storage temperature shall be subject to the COA.</small>
Shipping:	Proteins are shipped with blue ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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