

Active Recombinant Human IL23A & IL12B Heterodimer Protein, His & Avi-tagged, Biotinylated

Cat. No. IL23A&IL12B-30H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL23A & IL12B Heterodimer Protein(NP_002178.2) (Met1-Ser328), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser328
Form	Supplied as sterile PBS, pH 7.4.
Bio-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 80-480ng/mL.
Molecular Mass	The recombinant human IL23 complex (IL23A&IL12B) consists of 517 amino acids and predicts a molecular mass of 57.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name

IL23A interleukin 23, alpha subunit p19 [Homo sapiens]

Official Symbol

IL23A; IL12B

Synonyms

IL23A; interleukin 23, alpha subunit p19; interleukin-23 subunit alpha; IL 23; IL 23A; IL23P19; interleukin six; G CSF related factor; P19; SGRF; IL-23-A; IL-23p19; IL-23 subunit alpha; interleukin 23 p19 subunit; interleukin-23 subunit p19; JKA3 induced upon T-cell activation; interleukin-six, G-CSF related factor; IL-23; IL-23A; MGC79388

Gene ID

51561

mRNA Refseq

NM_016584

Protein Refseq

NP_057668

MIM

605580

UniProt ID

Q9NPF7

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