

## Recombinant Human IL23A&IL12B(Ile23-Ser328&Ala21-Pro189) Protein, C-Fc-tagged

**Cat. No.** IL23A&IL12B-332H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL23A&IL12B(P29460&Q9NPF7)(Ile23-Ser328&Ala21-Pro189) Protein, fused with a Fc tag at the C-terminus, was produced in HEK293.                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 23-328;21-189 a.a.                                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.                                                                                                                                                                     |
| <b>Molecular Mass</b>   | The recombinant Human IL23A&IL12B Protein has a predicted molecular mass of 81.3kDa, it migrates with an apparent molecular mass of 80-110kDa under reducing conditions.                                                                        |
| <b>AA Sequence</b>      | Ile23-Ser328&Ala21-Pro189                                                                                                                                                                                                                       |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                |
| <b>Purity</b>           | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                            |
| <b>Storage</b>          | 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping** In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.  
Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## GENE INFORMATION

**Gene Name** IL23A interleukin 23, alpha subunit p19 [ Homo sapiens ]

**Official Symbol** IL23A

**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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