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32-18132: Recombinant Human IL23A Protein, hFc Tag

Uniprot ID : Q9NPF7
Alternative Name : IL-23; IL-23A; IL23P19; P19; SGRF

Description

Molecular Characterization: IL23A(Arg20-Pro189) hFc(Glu99-Ala330)
Molecular weight: The protein has a predicted molecular mass of 44.8 kDa after removal of the signal peptide. The apparent molecular mass of IL23A-hFc is approximately 35-55 kDa due to glycosylation.
Description: Recombinant Human IL23A Protein with C-terminal human Fc tag
This gene encodes a subunit of the heterodimeric cytokine interleukin 23 (IL23). IL23 is composed of this protein and the p40 subunit of interleukin 12 (IL12B). The receptor of IL23 is formed by the beta 1 subunit of IL12 (IL12RB1) and an IL23 specific subunit, IL23R. Both IL23 and IL12 can activate the transcription activator STAT4, and stimulate the production of interferon-gamma (IFNG). In contrast to IL12, which acts mainly on naive CD4( ) T cells, IL23 preferentially acts on memory CD4( ) T cells.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.