

Recombinant Human IL23A Protein, His-tagged

Cat. No. IL23A-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human interleukin 23 subunit alpha(IL23A)(NM_016584) protein, with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.104, without any preservatives.
Molecular Mass	53.5 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

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protein-protein interaction studies.

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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