

Recombinant Human IL23A Protein, GST-tagged

Cat. No. IL23A-053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IL23A full-length ORF (NP_057668.1, 1 a.a. - 189 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
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.
Molecular Mass	47.1 kDa
AA Sequence	MLGSRAVMLLLLLPWTAAQGRAVPGGSSPAWTQCQQLSQKLCTLAWSAHPLVGHM DLREEGDEETTNDVPHIQCGDGC DPQGLRDNSQFCLQRIHQGLIFYEKLLGSDIFTG EPSLLPDSPVGQLHASLLGLSPLLQPEGHHWETQQIPSLSPSQPWQRLLLRFKILRS LQAFVAVAAARVFAHGAATLSP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

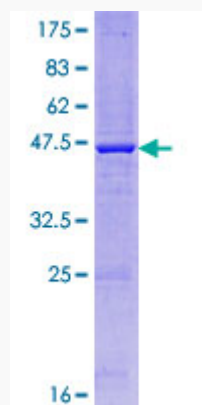
GENE INFORMATION

Gene Name	IL23A interleukin 23 subunit alpha [Homo sapiens (human)]
Official Symbol	IL23A
Synonyms	IL23A; interleukin 23 subunit alpha; P19; SGRF; IL-23; IL-23A; IL23P19; interleukin-23 subunit alpha; IL-23 subunit alpha; IL-23-A; IL-23p19; JKA3 induced upon T-cell activation; interleukin 23 p19 subunit; interleukin 23, alpha subunit p19; interleukin-23 subunit p19; interleukin-six, G-CSF related factor
Gene ID	51561
mRNA Refseq	NM_016584
Protein Refseq	NP_057668
MIM	605580
UniProt ID	Q9NPF7

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SDS-PAGE

12.5 % SDS-PAGE Stained with Coomassie Blue.

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