

IL23A (Human) Recombinant Protein (P01)

產品編號 #: H00051561-P01

規格 : [10 ug] [25 ug]

[List All](#)

Specification

Product Description: Human IL23A full-length ORF (NP_057668.1, 1 a.a. - 189 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence: MLGSRVAMLLLLLPWTAQGRAVPGGSSPAWTQCQQLSQKLCTLAWSA
HPLVGHMDLREEGDEETTNDVPHIQCGDGDQPQGLRDNSQFCLQRIHQ
GLIFYEKLLGSDIFTGEPSELLPDSVPGQLHASLLGLSLLQPEGHHWETQ
QIPSLSPSQPWQRLLLRFKILRSLQAFVAVAAARVFAHGAATLSP

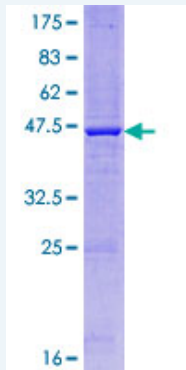
Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47.1

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Quality Control Testing: 12.5% SDS-PAGE Stained with Coomassie Blue.



Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note: Best use within three months from the date of receipt of this protein.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

1. [Damage effect of interleukin \(IL\)-23 on oxygen-glucose-deprived cells of the neurovascular unit via IL-23 receptor.](#)
Wang M, Zhong D, Zheng Y, Li H, Chen H, Ma S, Sun Y, Yan W, Li G. *Neuroscience*. 2015 Mar 19;289:406-16.

Applications

Application Image

Enzyme-linked
Immunoabsorbent Assay

Western Blot (Recombinant
protein)

Antibody Production

Protein Array

Enzyme-linked Immunoabsorbent Assay

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Gene Information

Entrez GeneID: [51561](#)

GeneBank Accession#: [NM_016584.2](#)

Protein Accession#: [NP_057668.1](#)

Gene Name: IL23A

Gene Alias: IL-23,IL-23A,IL23P19,MGC79388,P19,SGRF

Gene Description: interleukin 23, alpha subunit p19

Omim ID: [605580](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: JKA3 induced upon T-cell activation,interleukin 23 p19 subunit

Gene Pathway

[Cytokine-cytokine receptor interaction](#) [Jak-STAT signaling pathway](#)

Related Disease

[Arthritis, Rheumatoid](#) [Crohn Disease](#) [Crohn's disease](#) [Genetic Predisposition to Disease](#) [Hepatitis C](#) [Psoriasis](#) [Scleroderma](#), [Systemic](#)
