IL23A (Human) Recombinant protein

Catalog # P8808 Size 2 x 10 ug

Specification

Product Description	Human IL23A (Q9NPF7) partial recombinant protein with His tag at C-terminal expressed in Sf9 cells .
Sequence	IL12B: IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL DQSSEVLGSG KTLTIQVK EF GDAGQYTCHK GGEVLSHSLL LLHKKEDGIW STDILKDQKE PKNKTFLRCE AKNYSGRFTC WWLTTISTDL TFSVKSSRGS SDPQGVTCGA ATLSAERVRG DNKEYEYSVE CQEDSACPAA E ESLPIEVMV DAVHKLKYEN YTSSFFIRDI IKPDPPKNLQ LKPLKNSRQV EVSWEYPDTW STPHS YFSLT FCVQVQGKSK REKKDRVFTD KTSATVICRK NASISVRAQD RYYSSSWSEW ASVPCS. IL23A: RAVPGGSSPA WTQCQQLSQK LCTLAWSAHP LVGHMDLREE GDEETTNDVP HIQCGD GCDP QGLRDNSQFC LQRIHQGLIF YEKLLGSDIF TGEPSLLPDS PVGQLHASLL GLSQLLQPEG HHWETQQIPS LSPSQPWQRL LLRFKILRSL QAFVAVAARV FAHGAATLSP HHHHHH.
Host	insect
Theoretical MW (kDa)	54.1
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purity	> 95% by SDS-PAGE.
Storage Buffer	In PBS, pH 7.4 and 10% glycerol
Storage Instruction	Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — IL23A

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Entrez GeneID	51561
Protein Accession#	Q9NPF7
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 compose d of this protein and the p40 subunit of interleukin 12 (IL12B). The receptor of IL23 is formed by th e beta 1 subunit of IL12 (IL12RB1) and an IL23 specific subunit, IL23R. Both IL23 and IL12 can ac tivate 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

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

Disease

- Arthritis
- Crohn Disease
- Genetic Predisposition to Disease
- Hepatitis C
- Psoriasis
- Scleroderma

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