



IL23A blocking peptide (CDBP5554)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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 naïve CD4(+) T cells, IL23 preferentially acts on memory CD4(+) T cells. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	IL23A interleukin 23, alpha subunit p19 [Homo sapiens (human)]
Official Symbol	IL23A
Synonyms	IL23A; interleukin 23, alpha subunit p19; P19; SGRF; IL-23; IL-23A; IL23P19; interleukin-23 subunit alpha; 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

Entrez Gene ID	51561
mRNA Refseq	NM_016584
Protein Refseq	NP_057668
UniProt ID	Q9NPF7
Pathway	ATF-2 transcription factor network; Cytokine-cytokine receptor interaction; IL23-mediated signaling events; Inflammatory bowel disease (IBD); Jak-STAT signaling pathway; Pertussis; Rheumatoid arthritis; Tuberculosis
Function	cytokine activity; contributes_to interleukin-23 receptor binding