

Recombinant Full Length Mouse IL23a Protein, His&Avi tagged, Biotin Labeled

Cat. No. IL23A-03MFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IL-23 alpha Protein, Mouse (Biotinylated, HEK293, His-Avi) is the recombinant mouse-derived IL-23 alpha protein, expressed by HEK293, with C-His, C-Avi labeled tag.
Species	Mouse
Source	HEK293
ProteinLength	1-196 aa
Conjugation/Label	Biotin
Description	Contributes to interleukin-23 receptor binding activity. Involved in positive regulation of defense response to virus by host; positive regulation of immune response; and positive regulation of neutrophil chemotaxis. Acts upstream of or within T cell proliferation and positive regulation of transcription by RNA polymerase II. Located in extracellular space. Part of interleukin-23 complex. Is expressed in decidua; decidua basalis; embryo; and extraembryonic component. Orthologous to human IL23A (interleukin 23 subunit alpha).
Form	Lyophilized powder from a 0.22 µm filtered solution of PBS, pH 7.4, 8% trehalose.
Molecular Mass	23.4 kDa

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AASequence	VPRSSSPDWAQCQQLSRNLCMLAWNAHAPAGHMNLLREEEDEETKNNVPRIQCE DGCDPQGLKDNSQFCLQRIRQGLAFYKHLLDSDIFKGEPALLPDSPMEQLHTSLLGL SLLQPEDHPRETQQMPSSLSSSQWQRPLLRSLQAFIAAARVFAHGAATLT EPLVPTA
Endotoxin	< 1 EU/μg determined by LAL method.
Purity	> 95% as determined by Tris-Bis PAGE.
Storage	Stored at -20 centigrade for 2 years from date of receipt. After reconstitution, it is stable at 4 centigrade for 1 week or -20 centigrade for longer (with carrier protein). It is recommended to freeze aliquots at -20 or -80 centigrade for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.

GENE INFORMATION

Gene Name	Il23a interleukin 23, alpha subunit p19 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Il23a
Synonyms	Il23a; interleukin 23, alpha subunit p19; p19; IL-23; interleukin-23 subunit alpha; IL-23 subunit alpha; IL-23-A; IL-23p19; interleukin-23 subunit p19
Gene ID	83430
mRNA Refseq	NM_031252

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Protein Refseq	NP_112542
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UniProt ID	Q9EQ14
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