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IL23A Protein (AA 22-196) (Fc Tag)





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Quantity:	50 μg
Target:	IL23A
Protein Characteristics:	AA 22-196
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL23A protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant mouse IL23A protein with C-terminal human Fc tag
Specificity:	Mouse IL23A (Val22-Ala196) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL23A	
Alternative Name:	IL23A (IL23A Products)	
Background:	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). [provided by Alliance of Genome
Resources, Apr 2022]

Molecular Weight:

predicted molecular mass of 45.8 kDa after removal of the signal peptide.

UniProt:

Q9EQ14

Pathways:

Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Activated T Cell Proliferation

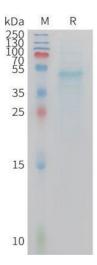
Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized	
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.	
Expiry Date:	12 months	



SDS-PAGE

Image 1. Mouse IL23A Protein, hFc Tag on SDS-PAGE under reducing condition.