PRODUCT INFORMATION

Target	IL23A
Synonyms	p19; IL-23
Description	Recombinant mouse IL23A protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9EQ14
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	Mouse IL23A(Val22-Ala196) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 45.8 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	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.
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]
Usage	Research use only
Conjugate	Unconjugated

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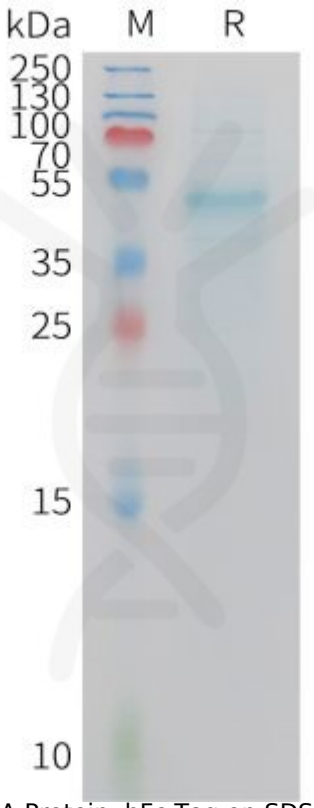


Figure 1. Mouse IL23A Protein, hFc Tag on SDS-PAGE under reducing condition.

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