

## PRODUCT INFORMATION

<b>Target</b>	IL23A
<b>Synonyms</b>	p19; IL-23
<b>Description</b>	Recombinant mouse IL23A protein with C-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9EQ14
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc tag
<b>Molecular Characterization</b>	Mouse IL23A(Val22-Ala196) hFc(Glu99-Ala330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 45.8 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



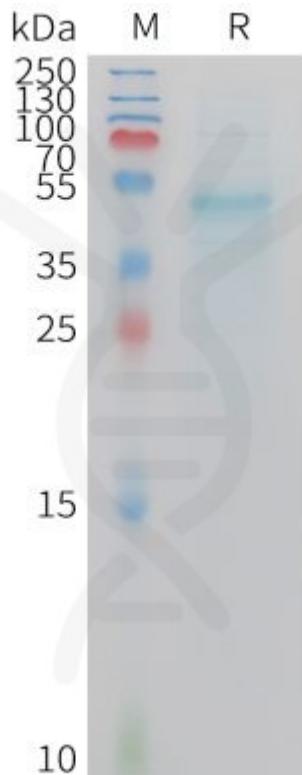


Figure 1. Mouse IL23A Protein, hFc Tag on SDS-PAGE under reducing condition.

