

Recombinant Mouse Il10 Protein, His-tagged

Cat. No. II10-995M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il10 Protein (Ser19-Ser178) with His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Ser19-Ser178
Description	<p>This gene encodes an anti-inflammatory cytokine that is a member of the class-2 cytokine family. The encoded protein is secreted by cells of both the innate and adaptive immune systems and is crucial for limiting the immune response to a broad range of pathogens. It also has been shown to suppress autoimmune responses. This protein mediates its immunosuppressive signal through a specific interleukin 10 receptor complex. Aberrant functioning of this gene is associated with numerous immune disorders including graft-versus-host disease, and increased susceptibility to HIV-1 infection and rheumatoid arthritis.</p>
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.4 kDa; Accurate Molecular Mass: 22 kDa
Purity	> 97%
Applications	Cell culture; Activity Assays.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (PH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

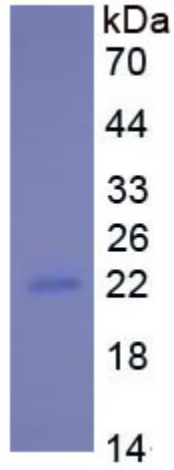
GENE INFORMATION

Gene Name	IL10 interleukin 10 [<i>Mus musculus</i> (house mouse)]
Official Symbol	IL10
Synonyms	IL10; interleukin 10; interleukin-10; cytokine synthesis inhibitory factor; CSIF; IL-10;
Gene ID	16153
mRNA Refseq	NM_010548
Protein Refseq	NP_034678
UniProt ID	P18893

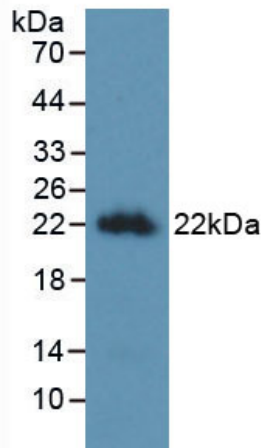
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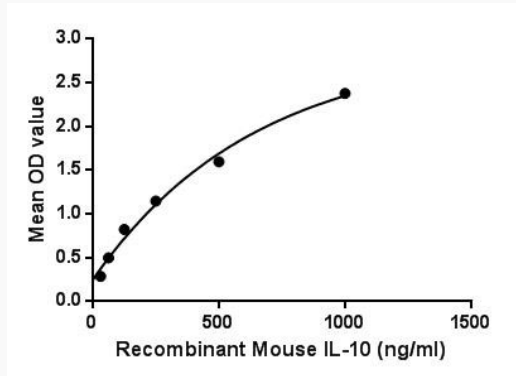


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Binding activity



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