

Active Recombinant Mouse IL11 protein, Fc-tagged

Cat. No. IL11-1579M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL11 protein(Pro22-Leu199), fused with Fc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	22-199 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 51 mM Tris,100 mM Glycine,25 mM Arginine,150 mM NaCl,pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Mouse IL-11 R alpha, His Tag at 5 µg/mL (100 µL/well) can bind Mouse IL-11 Protein, Fc Tag with a linear range of 0.2-10 ng/mL.Immobilized Mouse IL-11 Protein, Fc Tag at 5 µg/mL (100 µL/well) can bind Human Anti-IL11, Human IgG1 Human Kappa with a linear range of 1-31 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the N-terminusThe protein has a calculated MW of 45.6 kDa. The protein migrates as 53-57 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Pro22-Leu199
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Il11 interleukin 11 [<i>Mus musculus</i>]
Official Symbol	IL11
Synonyms	IL11; interleukin 11; interleukin-11; IL-11;
Gene ID	16156
mRNA Refseq	NM_008350
Protein Refseq	NP_032376

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