

Active Recombinant Mouse Il11ra1 protein, His-tagged

Cat. No. Il11ra1-0194M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il11ra1 protein(Cys26-Gln367), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	26-367 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human IL-11, Fc Tag at 5 µg/mL (100 µL/well) can bind Mouse IL-11 R alpha, His Tag with a linear range of 0.005-0.156 µg/mL. 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 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 38.0 kDa. The protein migrates as 45-48 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Cys26-Gln367
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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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 [Il11ra1 interleukin 11 receptor, alpha chain 1 \[Mus musculus \]](#)

Official Symbol [Il11ra1](#)

Synonyms IL11RA1; interleukin 11 receptor, alpha chain 1; interleukin-11 receptor subunit alpha-1; NR-1; etl-2; locus 2; IL-11RA1; Il-11ra-alpha; IL-11R-alpha-1; IL-11R subunit alpha-1; novel cytokine receptor 1; enhancer trap locus homolog 2; IL-11 receptor subunit alpha-1; interleukin 11 receptor, alpha chain 2; NR1; GP130; Il11ra; Il-11ra; Il11ra2; AI314697;

Gene ID [16157](#)

mRNA Refseq [NM_001163401](#)

Protein Refseq [NP_001156873](#)

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