

Active Recombinant Mouse Il4ra protein, His-tagged

Cat. No. Il4ra-1758M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il4ra protein(Ile 26 - Arg 233), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	26-233 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized IL-4 Protein, Mouse, Recombinant at 2 µg/mL (100 µL/well) can bind Mouse IL-4 R alpha, His Tag with a linear range of 0.039-1.25 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 26.3 kDa. The protein migrates as 37-45 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Ile26-Arg233
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% 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 [IL4ra interleukin 4 receptor, alpha \[Mus musculus \]](#)

Official Symbol [IL4ra](#)

Synonyms IL4RA; interleukin 4 receptor, alpha; interleukin-4 receptor subunit alpha; IL-4RA; IL-4R-alpha; IL-4R subunit alpha; IL-4 receptor alpha chain; IL-4 receptor subunit alpha; IL4r; CD124; MGC118473;

Gene ID [16190](#)

mRNA Refseq [NM_001008700](#)

Protein Refseq [NP_001008700](#)

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