

Active Recombinant Mouse Il3ra protein, His-tagged

Cat. No. Il3ra-919M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il3ra protein(Ser 17- Lys 331), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Mouse IL-3 R alpha, His Tag on NTA Biosensor, can bind Mouse IL-3, Tag Free with an affinity constant of 0.38 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 36.4 kDa. The protein migrates as 50-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ser17-Lys331
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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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 [IL3ra interleukin 3 receptor, alpha chain \[Mus musculus \]](#)

Official Symbol [IL3ra](#)

Synonyms

IL3RA; interleukin 3 receptor, alpha chain; interleukin-3 receptor subunit alpha; IL-3RA; IL-3R-alpha; Il-3 alpha subunit; IL-3R subunit alpha; IL-3 receptor alpha chain; IL-3 receptor subunit alpha; IL-3 receptor alpha SP2 isoform; interleukin-3 receptor class II alpha chain; CD123; SUT-1; CDw123;

Gene ID [16188](#)

mRNA Refseq [NM_008369](#)

Protein Refseq [NP_032395](#)

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