

Active Recombinant Mouse IL13 protein, His-tagged

Cat. No. IL13-1569M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL13 protein(Ala19-Phe131), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	19-131 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Mouse IL-13, His Tag at 5 µg/mL (100 µL/well) can bind Mouse IL-13RA1, Fc Tag with a linear range of 0.3-5 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 14.2 kDa. The protein migrates as 16-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala19-Phe131
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% 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 IL13 interleukin 13 [*Mus musculus*]

Official Symbol IL13

Synonyms IL13; interleukin 13; interleukin-13; T-cell activation protein P600; IL-13;

Gene ID 16163

mRNA Refseq NM_008355

Protein Refseq NP_032381

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