

## Active Recombinant Mouse IL13 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse IL13 protein(Ala19-Phe131), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	19-131 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Proteinlength</b>	Ala19-Phe131
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	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**

<b>Gene Name</b>	IL13 interleukin 13 [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	IL13
<b>Synonyms</b>	IL13; interleukin 13; interleukin-13; T-cell activation protein P600; IL-13;
<b>Gene ID</b>	16163
<b>mRNA Refseq</b>	NM_008355
<b>Protein Refseq</b>	NP_032381

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