

Active Recombinant Mouse IL25 protein, His-tagged

Cat. No. IL25-2161M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL25 protein(NP_542767.1)(Val 17-Ala 169), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val 17-Ala 169
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	1. Immobilized IL17RB Protein, Mouse, Recombinant (hFc Tag) at 2 µg/mL (100 µL/well) can bind IL25/IL17E Protein, Mouse, Recombinant (His Tag), the EC50 is 4-20 ng/mL.2. Measured by its ability to induce CXCL1/GROα secretion in HT29. The ED50 for this effect is 4-14ng/mL.
Molecular Mass	The secreted recombinant mouse IL25 consists of 175 amino acids and has a calculated molecular mass of 20 kDa. As a result of glycosylation, rmIL25 migrates with the MW of approximately 30-35 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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	IL25 interleukin 25 [<i>Mus musculus</i>]
Official Symbol	IL25
Synonyms	IL25; interleukin 25; interleukin-25; interleukin 17E; IL17e; IL-17e;
Gene ID	140806
mRNA Refseq	NM_080729
Protein Refseq	NP_542767

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