

## Active Recombinant Mouse IL25 protein, His-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Mouse IL25 protein(NP_542767.1)(Val 17-Ala 169), fused with His tag, was expressed in HEK293.   |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | Val 17-Ala 169  |
| <b>Form</b>             | 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. |
| <b>Bio-activity</b>     | 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.  |
| <b>Molecular Mass</b>   | The secreted recombinant mouse IL25 consists of 175 amino acids and has a calculated molecular mass of 20 kDa. As a result of glycosylation, rmlL25 migrates with the MW of approximately 30-35 kDa in SDS-PAGE under reducing conditions.  |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method  |

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|                       |   |
|-----------------------|---|
| <b>Purity</b>         | > 80 % as determined by SDS-PAGE  |
| <b>Storage</b>        | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>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. |
| <b>Reconstitution</b> | 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>       | IL25 interleukin 25 [ <i>Mus musculus</i> ]                           |
| <b>Official Symbol</b> | IL25  |
| <b>Synonyms</b>        | IL25; interleukin 25; interleukin-25; interleukin 17E; IL17e; IL-17e; |
| <b>Gene ID</b>         | 140806  |
| <b>mRNA Refseq</b>     | NM_080729   |
| <b>Protein Refseq</b>  | NP_542767   |

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