

## Active Recombinant Mouse Il13 protein, His-tagged

Cat. No. Il13-5696M    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Il13 protein(Ser26-Phe131), fused with C-terminal His tag, was expressed in HEK293.                                                                                                                 |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 26-131 aa                                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                          |
| <b>Bio-activity</b>     | Measured in a cell proliferation assay using TF-1 Mouse erythroleukemic cells.The ED50 for this effect is 5.4-21. 4 ng/mL, corresponding to a specific activity of $4.68 \times 10^4 \sim 1.85 \times 10^5$ units/mg. |
| <b>Molecular Mass</b>   | 12.52 kDa                                                                                                                                                                                                             |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                             |
| <b>Purity</b>           | ≥ 95 % as determined by SDS-PAGE.                                                                                                                                                                                     |
| <b>Storage</b>          | Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.           |

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**Reconstitution**

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

**GENE INFORMATION**

**Gene Name** IL13 interleukin 13 [ *Mus musculus* ]

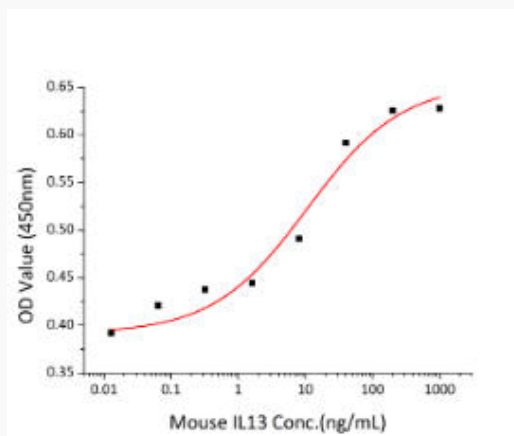
**Official Symbol** IL13

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

**Gene ID** 16163

**mRNA Refseq** NM\_008355

**Protein Refseq** NP\_032381

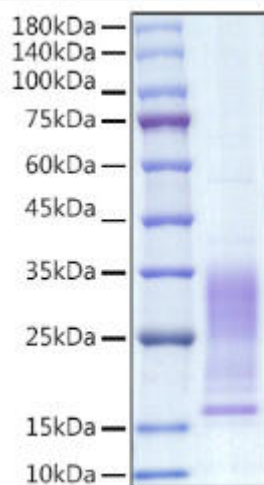
**Activity**


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**SDS-PAGE**



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