

Product datasheet for **TP728348L**

Recombinant IL-25 (Interleukin-25), Mouse

Product data:

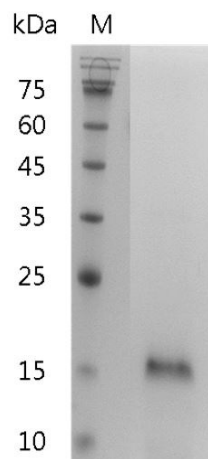
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|--|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant IL-25 (Interleukin-25), Mouse |
| Species: | Mouse |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MVSLRIQEGCSHLPSCCPSKEQEPPEEWLKWSSASVSPPEPLSHTHHAESCRASKDGPLNSRAISPWSYELDRDLNRVPQDLYHARCLCPHCVSLQTGSHMDPLGNSVPLYHNQTVFYRRPCHGEEGTHRRYCLERRLYRVSLACVCVRPRVMA with polyhistidine tag at the C-terminus. |
| Tag: | His Tag (C-term) |
| Predicted MW: | The protein has a calculated MW of 18.41kDa. The protein migrates about 17 kDa under reducing condition (SDS-PAGE analysis). |
| Purity: | >98% as determined by SDS-PAGE. |
| Buffer: | The protein was lyophilized from a 0.2 µm filtered solution containing 20 mM sodium citrate, 0.2 M NaCl, pH 4.5. |
| Bioactivity: | Measured by its ability to induce CXCL1 secretion in HT-29 cells. The ED ₅₀ for this effect is <1 ng/mL |
| Endotoxin: | <0.1 EU per 1 µg of the protein by the LAL method. |
| Reconstitution Method: | Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein. |
| Applications: | Cell culture |
| Storage: | Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months. Avoid repeated freeze/thaw cycles. |
| RefSeq: | NP_542767.1 |
| Synonyms: | IL-17E, IL17e |



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Summary:

Interleukin 25 (IL-25) is a cytokine with proinflammatory and anti-inflammatory effects, it predicts a molecular mass of 16.7 kDa. It can induce NF- κ B activation, and stimulate the production of IL-8, which is the major chemotactic substance of neutrophils.

Product images:

SDS- PAGE analysis of recombinant mouse IL-25