

## ARG70175 Mouse IL25 / IL17E recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg  
Store at: -20°C

### Summary

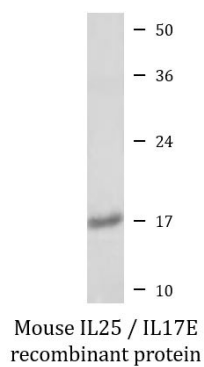
|                     |  |
|---------------------|--|
| Product Description | E. coli expressed, His-tagged (C-ter) Active Mouse IL25 / IL17E recombinant protein                      |
| Tested Application  | SDS-PAGE   |
| Target Name         | IL25 / IL17E   |
| Species             | Mouse  |
| A.A. Sequence       | Val17 - Ala169   |
| Expression System   | E. coli  |
| Activity            | Active   |
| Activity Note       | Determined by its ability to induce CXCL1 secretion in HT29 cells. The ED50 for this effect is < 1 ng/mL |
| Alternate Names     | IL17E; Interleukin-17E; IL-25; Interleukin-25; IL-17E  |

### Properties

|                     |   |
|---------------------|---|
| Form                | Powder  |
| Purification Note   | Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.   |
| Purity              | > 98% (by SDS-PAGE)   |
| Buffer              | 20 mM sodium citrate and 0.2 M NaCl (pH 4.5)  |
| Reconstitution      | It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.                                     |
| Storage instruction | For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.  |

### Bioinformation

|                       |  |
|-----------------------|--|
| Gene Symbol           | IL25   |
| Gene Full Name        | interleukin 25   |
| Background            | The protein encoded by this gene is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010] |
| Function              | Induces activation of NF-kappa-B and stimulates production of the proinflammatory chemokine IL-8. Proinflammatory cytokine favoring Th2-type immune responses. [UniProt]   |
| Cellular Localization | Secreted. [UniProt]  |



ARG70175 Mouse IL25 / IL17E recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70175 Mouse IL25 / IL17E recombinant protein (Active) (His-tagged, C-ter).