

## Active Recombinant Mouse Il25 Protein (Val17-Ala169), C-His tagged, Animal-free, Carrier-free

Cat. No. II25-23M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Il25 Protein (Val17-Ala169) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val17-Ala169
<b>Description</b>	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-κB activation, and stimulate the production of IL-8, which is the major chemotactic substance of neutrophils.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measured by its ability to induce CXCL1 secretion in HT-29 cells. The ED50 for this effect is < 1 ng/mL
<b>Molecular Mass</b>	The protein has a calculated MW of 18.41kDa. The protein migrates about 17 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/μg of the protein by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>98% as determined by SDS-PAGE analysis.
<b>Storage</b>	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution containing 20 mM sodium citrate and 0.2 M NaCl, pH 4.5.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

<b>Gene Name</b>	IL25 interleukin 25 [ <i>Mus musculus</i> (house mouse) ]
<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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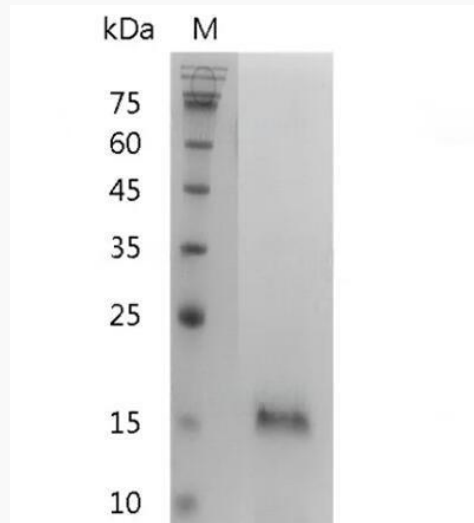
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UniProt ID

Q8VHH8

**SDS-PAGE analysis  
of recombinant  
mouse IL-25.**



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