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

Cat. No. Il25-23M **Lot. No.** (See product label)

SPECIFICATION

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

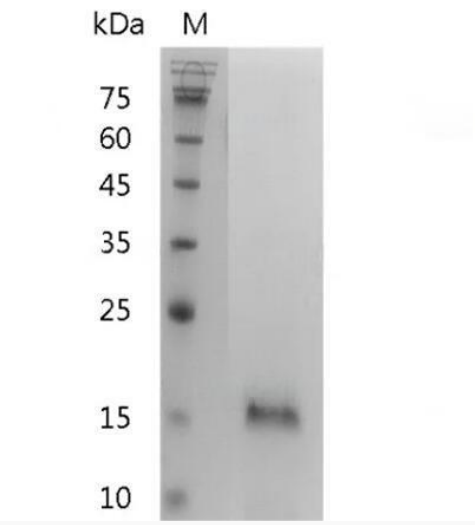
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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution containing 20 mM sodium citrate and 0.2 M NaCl, pH 4.5.
Reconstitution	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.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	Il25 interleukin 25 [Mus musculus (house mouse)]
Official Symbol	Il25
Synonyms	IL25; interleukin 25; interleukin-25; interleukin 17E; Il17e; IL-17e;
Gene ID	140806
mRNA Refseq	NM_080729
Protein Refseq	NP_542767

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UniProt ID	Q8VHH8
SDS-PAGE analysis of recombinant mouse IL-25.	

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