

Active Recombinant Rat IL25 protein(Val17-Ala169), hFc-tagged

Cat. No. IL25-8736R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL25 (D3ZLB1) (Val17-Ala169) was expressed in HEK293, fused with Fc region of Human IgG1 at the N-terminus.
Species	Rat
Source	HEK293
ProteinLength	Val17-Ala169
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse IL17BR-His at 10 µg/mL (100 µl/well) can bind Rat Fc-IL25. The EC50 of Rat Fc-IL25 is 0.12-0.27 µg/mL.
Molecular Mass	The recombinant Rat IL25 comprises 413 amino acids and predicts a molecular mass of 46.1 kDa. The apparent molecular mass of the recombinant protein is approximately 49 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL25 interleukin 25 [Rattus norvegicus]
Official Symbol	IL25
Synonyms	IL25; interleukin 25; interleukin-25; RGD1561632;
Gene ID	501996
mRNA Refseq	NM_001192007
Protein Refseq	NP_001178936

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