

Active Recombinant Human IL25 protein, hFc-tagged

Cat. No. IL25-148H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL25 protein(Tyr 33-Gly177) (NP_073626.1) was expressed in Human Cells, fused with the Fc region of human IgG1 at the N-terminus via a polypeptide linker.
Species	Human
Source	Human Cells
ProteinLength	33-177 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human IL17BR-His at 10 µg/ml (100 µl/well) can bind human Fc-IL25, The EC50 of human Fc-IL25 is 1.7-4.2 µg/ml.
Molecular Mass	The recombinant human IL25/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 403 amino acids and predicts a molecular mass of 45 KDa. As a result of glycosylation, the apparent molecular mass of rh IL25/Fc monomer is approximately 50-60 KDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 [Homo sapiens]

Official Symbol IL25

Synonyms IL25; interleukin 25; IL17E, interleukin 17E; interleukin-25; IL 17E; IL 25; interleukin 17E; interleukin-17E; IL17E;

Gene ID 64806

mRNA Refseq NM_022789

Protein Refseq NP_073626

MIM 605658

UniProt ID Q9H293

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