

Recombinant Human IL25 Protein, His-tagged

Cat. No. IL25-1031H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL25 Protein (Tyr33-Gly177) with His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Tyr33-Gly177
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.4 kDa; Accurate Molecular Mass: 17&19&21 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

IL25 interleukin 25 [Homo sapiens (human)]

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

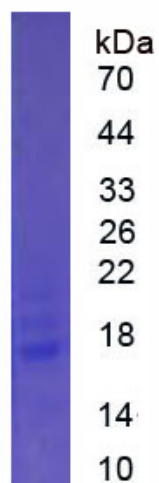
UniProt ID

Q9H293

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