

PRODUCT INFORMATION

Target IL25 **Synonyms** II 17F

Recombinant human IL25 Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** Q9H293 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Purity

Background

IL25(Tyr33-Gly177) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight**

42.9 kDa after removal of the signal peptide. The apparent molecular mass of IL25-hFc is

approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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 more suggest that this

cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

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Usage Research use only

Conjugate Unconjugated

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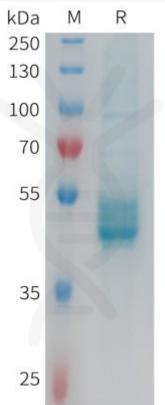


Figure 1. Human IL25 Protein, hFc Tag on SDS-PAGE under reducing condition.



