PRODUCT INFORMATION

Target	IL25
Synonyms	IL17E
Description	Recombinant human IL25 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9H293
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	IL25(Tyr33-Gly177) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 42.9 kDa after removal of the signal peptide. The apparent molecular mass of IL25-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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. [provided by RefSeq, Mar 2010]
Usage	Research use only
Conjugate	Unconjugated

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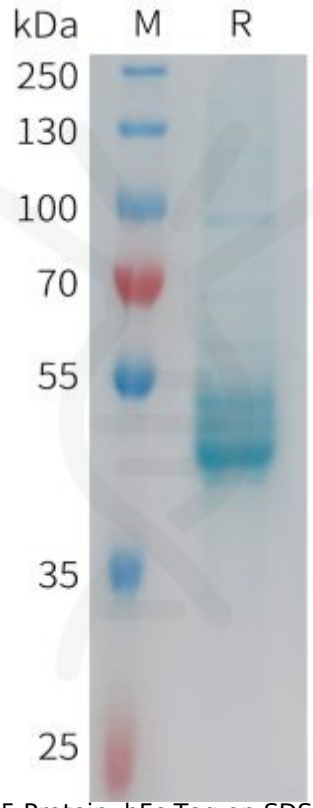


Figure 1. Human IL25 Protein, hFc Tag on SDS-PAGE under reducing condition.

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