

HUMAN IL25 PROTEIN**Cat.#:** 12278**Product Name:** Human IL25 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** IL17E**Target:** IL25**UNIPROT ID:** Q9H293**Description:** Recombinant human IL25 Protein with C-terminal human Fc tag**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]**Species/Host:** HEK293**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.**Molecular Characterization:** IL25(Tyr33–Gly177) hFc(Glu99–Ala330)**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**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.

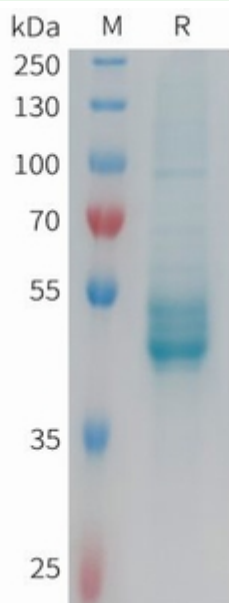


Figure 1. Human IL25 Protein, hFc Tag on SDS-PAGE under reducing condition.