PRODUCT INFORMATION

Target	IL36A
Synonyms	FIL1; FIL1E; IL1F6; IL-1F6; IL1(EPSILON); FIL1(EPSILON)
Description	Recombinant human IL36A Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9UHA7
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	IL36A(Lys6-Phe158) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 43.2 kDa after removal of the signal peptide. The apparent molecular mass of IL36A-hFc is approximately 35-70 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 can activate NF-kappa-B and MAPK signaling pathways to generate an inflammatory response. The encoded protein functions primarily in skin and demonstrates increased expression in psoriasis. In addition, decreased expression of this gene has been linked to a poor prognosis in both hepatocellular carcinoma and colorectal cancer patients. [provided by RefSeq, Nov 2015]
Usage	Research use only
Conjugate	Unconjugated

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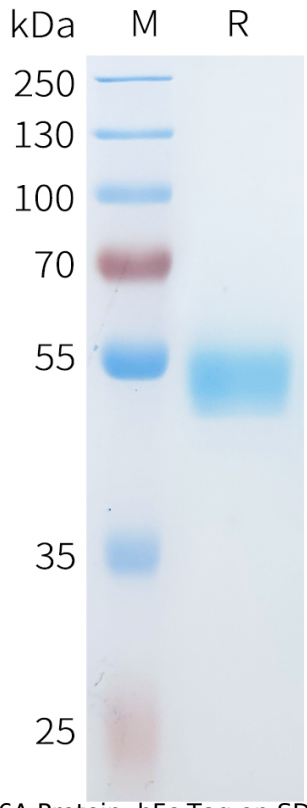

Figure 1. Human IL36A Protein, hFc Tag on SDS-PAGE under reducing condition.

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