

# Human IL36A 158 a.a. Recombinant Protein



RPPB0677

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## Product Information    Protein Information

**Product SKU:**

RPPB0677

**Accession:**

Q9UHA7

**Host:**

Escherichia Coli.

**Protein description:**

IL36A 158 a.a. Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 158 amino acids and having a molecular mass of 17.7kDa. The IL36A 158 a.a. Human is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Interleukin 36 alpha, FIL1E, IL1F6, FIL1, IL1(EPSILON), interleukin 1 family member 6 (epsilon), MGC129552, MGC129553.

**Formulation:**

Lyophilized from a 0.2?m filtered concentrated solution in 2xPBS, pH 7.4.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.

**Solubility:**

It is recommended to reconstitute the lyophilized IL36A 158 a.a. Human in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized IL36A 158 a.a. Human although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL36A 158 a.a. Human should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MEKALKIDTP QQGSIQDINH RVWVLQDQTL IAVPRKDRMS PVTIALISCR HVETLEKDRG NPIYLGLNGL  
NLCLMCAKVG DQPTLQLKEK DIMDLYNQPE PVKSFLFYHS QSGRNSTFES VAFPGWFIIV SSEGGCPIL  
TQELGKANTT DFGLTMLF

**Biological Activity:**

Fully biologically active when compared to standard. The specific activity determined by its ability in a functional ELISA. Immobilized rHuIL-36? at 1 ?g/mL can bind recombinant human IL-1 Rrp2 Fc Chimera with a range of 0.15-5?g/ml corresponding to a specific activity of 200,000-6,666,667IU/mg.