

## Interleukin-36 Alpha 158 a.a. Human Recombinant

<b>Item Number</b>	rAP-0532
<b>Synonyms</b>	Interleukin 36 alpha, FIL1E, IL1F6, FIL1, IL1(EPSILON), interleukin 1 family member 6 (epsilon), MGC129552, MGC129553.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	Q9UHAT
<b>Amino Acid Sequence</b>	MEKALKIDTP QQGSIQDINH RVWVLQDQTL IAVPRKDRMS PVTIALISCR HVETLEKDRG NPIYLGNGL NLCLMCAKVG DQPTLQLKEK DIMDLYNQPE PVKSFLFYHS QSGRNSTFES VAFFPGWFIAV SSE-GGCPLIL TQELGKANTT DFGLTMLF
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
<b>Formulation and Purity</b>	Lyophilized from a 0.2%m filtered concentrated solution in 2xPBS, pH 7.4. Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized IL36A 158 a.a. Human in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	Fully biologically active when compared to standard. The specific activity determined by its ability in a functional ELISA. Immobilized rHull-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 spe
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**