

## Interleukin-36 Gamma Human Recombinant

<b>Item Number</b>	rAP-0523
<b>Synonyms</b>	Interleukin 36 gamma, IL1F9, interleukin 1 family member 9, Interleukin-1 epsilon, IL-1RP2, IL-1H1, IL1E, interleukin 1-related protein 2, Interleukin-1 homolog 1.
<b>Description</b>	IL36G Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 169 amino acids and having a molecular mass of 18.7kDa. The IL36G is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9NZH8
<b>Amino Acid Sequence</b>	MRGTPGDADG GGRAVYQSMC KPITGTINDL NQQVWTLQGQ NLVAVPRSDS VTPVTVAIT CKYPE-ALEQG RGDPIYLGIIQ NPEMCLYCEK VGEQPTLQLK EQKIMDLYGQ PEPVKPFLFY RAKTGRSTL ESVAFPDWFI ASSKRDQPII LTSELGKSYN TAFELNIND
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL36g Human although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL36g 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 0.2µm filtered concentrated solution in 1×PBS, pH 7.4 and 5% trehalose. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized IL36g in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA to bind recombinant human IL-1 Rrp2 Fc Chimera.
<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**