

# Human IL36G Recombinant Protein



RPPB0684

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## Product Information    Protein Information

**Product SKU:**

RPPB0684

**Accession:**

Q9NZH8

**Host:**

Escherichia Coli.

**Protein description:**

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.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

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.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4 and 5% trehalose.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

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.

**Stability:**

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.

**Amino Acid Sequence:**

MRGTPGDADG GGRAVYQSMC KPITGTINDL NQQVWTLQGQ NLVAVPRSDS VTPVTVAVIT CKYPEALEQG  
RGDPYILGIQ NPEMCLYCEK VGEQPTLQLK EQKIMDLYGQ PEPVKPFLFY RAKTGRTSTL ESVAFPDWF  
ASSKRDQPII LTSELGKSYN TAFELNIND

**Biological Activity:**

Measured by its binding ability in a functional ELISA to bind recombinant human IL-1 Rrp2 Fc Chimera.