

Mouse IL36G Recombinant Protein



RPPB0687

Product Information Protein Information

Product SKU:

RPPB0687

Accession:

Q8R460

Host:

Escherichia Coli.

Protein description:

IL36G Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 152 amino acids and having a molecular mass of 17.3kDa. The IL36G is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interleukin-36 gamma, Interleukin-1 family member 9, IL-1F9, IL36g, IL1f9.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in 1M MOPS, 10 mM NaAC, pH7.6, 5 % Trehalose, 2 mM EDTA and 0.02 % Tween-20.

Purity:

Greater than 97.0% 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 Mouse 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:

GRETPDFGEV FDLQQVWIF RNQALVTVPR SHRVTPVSVT ILPCKYPESL EQDKGIAIYL GIQNPDKCLF
CKEVNGHPTL LLKEEKILD L YHHPEPMKPF LFYHTRTGGT STFESVAFPG HYIASSKTGN PIFLTSKKGE
YYNINFNLDI KS.

Biological Activity:

The ED50 as determined by inducing IL-6 secretion in murine NIH/3T3 cells is less than 10 ng/ml, corresponding to a specific activity of > 1.0×10⁵ IU/mg.