

Human IL36B 153 a.a. Recombinant Protein



RPPB0682

Product Information Protein Information

Product SKU:

RPPB0682

Accession:

Q9NZH7

Host:

Escherichia Coli.

Protein description:

IL36B 153 a.a. Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 153 amino acids (5-157a.a.) and having a molecular mass of 17.2kDa. The IL36B 153 a.a. Human is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interleukin 36 beta, interleukin 1 family member 8 (eta), Interleukin-1 homolog 2, IL1F8 (Canonical product IL-1F8a), IL-1F8 (FIL1-eta), Interleukin-1 Superfamily e, IL1H2, MGC126880, MGC126882.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH 7.4.

Purity:

Greater than 97.0% as determined by SDS-PAGE and HPLC analyses.

Solubility:

It is recommended to reconstitute the lyophilized IL36B 153 a.a. Human in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL36B 153 a.a. Human although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL36B 153 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:

REAAPKSYAI RDSRQMVWVL SGNSLIAAPL SRSIKPVT LH LIACRDTEFS DKEKGNM VYL GIKGKDLCLF
CAEIQ GKPTL QLKEKNIMDL YVEKKAQKPF LFFHNKEGST SVFQSVSYPG WFIATSTTSG QPIFLT KERG
ITNNTNFYLD SVE

Biological Activity:

Fully biologically active when compared to standard. The ED₅₀ as measured by its ability to induce IL-8 secretion in human preadipocytes is less than 10ng/ml, corresponding to a specific activity of 10IU/mg.