

RPPB0673

Product Information Protein Information

Product SKU:

RPPB0673

Accession:

Q9UBH0

Host:

Escherichia Coli.

Protein description:

IL1F5 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 155 amino acids and having a molecular mass of 17kDa. The IL1F5 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interleukin-36 receptor antagonist protein, FIL1 delta, IL-1-related protein 3, IL-1RP3, Interleukin-1 HY1, IL-1HY1, Interleukin-1 delta, IL-1 delta, Interleukin-1 family member 5, IL-1F5, Interleukin-1 receptor antagonist homolog 1, IL-1ra homolog 1, Interleukin-1-like protein 1, IL-1L1, IL36RN, FIL1D, IL1F5, IL1HY1, IL1L1, IL1RP3, FIL1, PSORP, IL36RA, FIL1(DELTA).

Formulation:

IL1F5 was lyophilized after extensive dialysis against 20mM Phosphate buffer, pH7.4.

Purity:

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

Solubility:

It is recommended to quick spin followed by reconstitution of IL1F5 in PBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL1F5 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL1F5 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:

The sequence of the first five N-terminal amino acids was determined and was found to be Met-Val-Leu-Ser-Gly.

Biological Activity:

As measured by its binding ability in a functional ELISA, immobilized IL1F5 at 1 µg/ml (100 µl/well) can bind rHuIL-1 Rrp2/Fc Chimera with a linear range of 0.15- 5 µg/ml.