

Human IL1F10 Recombinant Protein



RPPB0689

Product Information Protein Information

Product SKU:

RPPB0689

Accession:

Q8WWZ1

Host:

Escherichia Coli.

Protein description:

IL1F10 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 152 amino acids and having a molecular mass of 17kDa. The IL1F10 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interleukin-1 family member 10, IL-1F10, FIL1 theta, Interleukin-1 HY2, IL-1HY2, Interleukin-1 theta, IL-1 theta, IL1F10, FIL1T, IL1HY2, FKSG75, MGC119831, MGC119832, MGC119833, FIL1-theta.

Formulation:

IL1F10 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 IL1F10 in PBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL1F10 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL1F10 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-Cys-Ser-Leu-Pro.

Biological Activity:

As measured by its binding ability in a functional ELISA, immobilized IL1F10 at 1 µg/ml (100 µl/well) can bind rHuIL-1 Rrp2/Fc Chimera with a linear range of 0.15- 5 µg/ml.