

Interleukin 1 Family, Member 10 Human Recombinant

Item Number	rAP-0481
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.
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.
Uniprot Accesion Number	Q8WWZ1
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.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	IL1F10 was lyophilized after extensive dialysis against 20mM Phosphate buffer, pH7.4. Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
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.
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**