

## 32-1537: IL1F10 Recombinant Protein

**Alternative Name :** 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

Source : Escherichia Coli. 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. Human interleukin family 1, member 10 (IL1F10) belongs to the interleukin 1 cytokine family. IL1F10 is expressed in the fetal skin, spleen and tonsil, generally in the basal epithelia of skin and in proliferating B-cells of the tonsil. IL1F10 binds soluble IL1 receptor type 1 and may be implicated in the regulation of adapted and innate immune responses.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.  
**Content :** IL1F10 was lyophilized after extensive dialysis against 20mM Phosphate buffer, pH7.4.  
**Storage condition :** 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 :** The sequence of the first five N-terminal amino acids was determined and was found to be Met-Cys-Ser-Leu-Pro.

### Application Note

It is recommended to quick spin followed by reconstitution of IL1F10 in PBS to a concentration no less than 100 Åµg/ml, which can then be further diluted to other aqueous solutions. As measured by its binding ability in a functional ELISA, immobilized IL1F10 at 1 Åµg/ml (100 Åµl/well) can bind rHuIL-1 Rrp2/Fc Chimera with a linear range of 0.15- 5 Åµg/ml.

