

---

## Product Data Sheet

---

Product Name: IL1F10 Human  
 Cat. No.: GP20671  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
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.		
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.		
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.		
Formulation	IL1F10 was lyophilized after extensive dialysis against 20mM Phosphate buffer, pH7.4.		

### Introduction

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.

### Biological Activity

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

### 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-

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

7 days and for future use below -18°C .Please prevent freeze-thaw cycles.

### Background

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**