9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IL1F10 Human

Interleukin 1 Family, Member 10 Human Recombinant
CYK0401

Product Overview

Name	IL1F10 Human
Description	
Interleukin 1 Family, Member 10 Human Recombinant	
Accession (Primary)	Q8WWZ1
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.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
IL1F10 was lyophilized after extensive dialysis against 20mM Phosphate buffer, pH7.4.	
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.	
Purity	
Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
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.	

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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.

Precautions

IL1F10 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8WWZ1)