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## **IL1F10 Protein (AA 1-152)**



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Quantity:	50 μg
Target:	IL1F10
Protein Characteristics:	AA 1-152
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Product Details	
Purpose:	Recombinant Human Interleukin-38/IL-38/IL-1F10
Sequence:	MCSLPMARYY IIKYADQKAL YTRDGQLLVG DPVADNCCAE KICTLPNRGL DRTKVPIFLG
	IQGGSRCLAC VETEEGPSLQ LEDVNIEELY KGGEEATRFT FFQSSSGSAF RLEAAAWPGW
	FLCGPAEPQQ PVQLTKESEP SARTKFYFEQ SW
Characteristics:	Recombinant Human Interleukin-1 Family Member 10/IL-1F10 is produced with our E. coli
	expression system. The target protein is expressed with sequence (Met1-Trp152) of Human IL-
	1F10.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 μm filtered
Endotoxin Level:	Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test
Target Details	
Target:	IL1F10

## Target Details

Alternative Name:	il1f10 (IL1F10 Products)	
Background:	Human Interleukin 1 Family Member 10 (IL-1F10) is thought to participate in a network of	
	Interleukin 1 cytokine family members to regulate adapted and innate immune responses. IL-	
	1F10 was expressed in fetal skin, spleen and tonsil, mostly in the basal epithelia of skin and ir	
	proliferating B-cells of the tonsil. IL-1F10 binds soluble IL-1 receptor type 1 and may be	
	implicated in regulating adapted and innate immune responses. Two alternatively spliced	
	transcript variants encoding the same protein have been reported.	
	Alternative Names: Interleukin-1 Family Member 10, IL-1F10, FIL1 Theta, Interleukin-1 HY2, IL-	
	1HY2, Interleukin-1 Theta, IL-1 Theta, IL1F10, FIL1T, IL1HY2	
Molecular Weight:	16.9 kDa	
UniProt:	Q8WWZ1	
Application Details		

Restrictions:	For Research Use only	
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## Handling

Format:	Lyophilized	
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL.  Dissolve the lyophilized protein in ddH2O.  Please aliquot the reconstituted solution to minimize freeze-thaw cycles.	
Buffer:	Lyophilized from a 0.2 $\mu m$ filtered solution of 20 mM PB, 150 mM NaCl, pH 6.0.	
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.	
Storage:	4 °C/-20 °C/-80 °C	
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.  Reconstituted protein solution can be stored at 4-7°C for 2-7 days.  Aliquots of reconstituted samples are stable at < -20°C for 3 months.	
Expiry Date:	3 months	