

Recombinant Human IL1F10 Protein (Met1-Trp152), C-His tagged, Animal-free, Carrier-free

Cat. No. IL1F10-300H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1F10 Protein (Met1-Trp152) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Met1-Trp152
Description	Interleukin-38 (IL-38) is a member of the interleukin-1 cytokine family. IL-38 is a ligand for soluble IL-1 receptor type I (IL-1RI). IL-38 could block the IL-36 pathway by inhibiting the IL-36 cytokine binding to their receptor. This process shows that IL-38 has anti-inflammatory properties. IL-38 is expressed in the immune organs, specifically in the skin and the tonsil, indispensable for B cell proliferation.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 17.78 kDa. The protein migrates as 21 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.

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Storage	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. <p>Avoid repeated freeze/thaw cycles.</p>
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	IL1F10 interleukin 1 family, member 10 (theta) [Homo sapiens (human)]
Official Symbol	IL1F10
Synonyms	IL1F10; interleukin 1 family, member 10 (theta); interleukin-1 family member 10; FIL1 theta; FKSG75; IL 1F10; IL 1HY2; IL1 theta; interleukin 1 receptor antagonist FKSG75; MGC11983; MGC119832; MGC119833; FIL1 theta; IL-1 theta; interleukin-1 HY2; interleukin-1 theta; IL-1F10 (canonical form IL-1F10a); interleukin-1 receptor antagonist FKSG75; interleukin-1 receptor antagonist-like FIL1 theta; IL-1HY2; IL1-theta; FIL1-theta; MGC119831;
Gene ID	84639
mRNA Refseq	NM_032556

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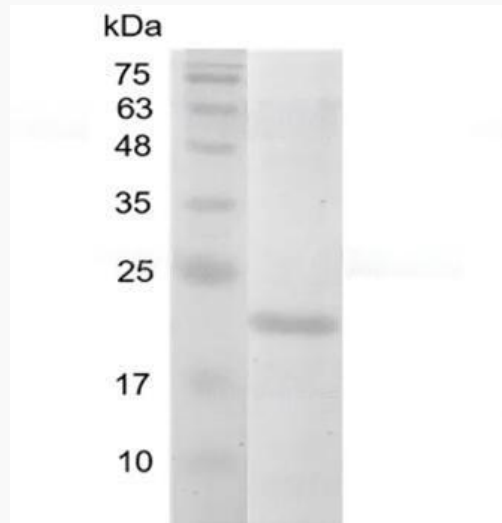
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Protein Refseq NP_115945

MIM 615296

UniProt ID Q8WWZ1

**SDS-PAGE analysis
of recombinant
human IL-38.**



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