Recombinant Human IL1F10, His-tagged

Cat. No. IL1F10-15884H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL1F10 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-152aa
Description	IL1F10 is a member of the interleukin 1 cytokine family. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. This cytokine is thought to participate in a network of interleukin 1 family members to regulate adapted and innate immune responses. Two alternatively spliced transcript variants encoding the same protein have been reported.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	19.1kDa (172aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MCSLPMARYY IIKYADQKAL YTRDGQLLVG DPVADNCCAE KICTLPNRGL DRTKVPIFLG IQGGSRCLAC VETEEGPSLQ LEDVNIEELY KGGEEATRFT FFQSSSGSAF RLEAAAWPGW FLCGPAEPQQ PVQLTKESEP SARTKFYFEQ SW

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Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	IL1F10 interleukin 1 family, member 10 (theta) [Homo sapiens]
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
Protein Refseq	NP_115945
UniProt ID	Q8WWZ1
Chromosome	2q13

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Location	
Function	cytokine activity; interleukin-1 receptor antagonist activity;

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