

Recombinant Human Interleukin 1 Family, Member 10, His-tagged

Cat. No. IL1F10-157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1F10 expressed in <i>E.coli</i> was encoding the human IL1F10 (Met1–Trp152) was recombined with a Hexa-histidine tag at the N-Terminus and purified by Ni-NTA column. MW=17.0 KD.
Species	Human
Source	E.coli
Protein Length	1-152 a.a.
Description	IL1F10 binds soluble IL-1 receptor type 1. It was expressed in fetal skin, spleen and tonsil. It was expressed mostly in the basal epithelia of skin and in proliferating B-cells of the tonsil.
Sequence	Human IL1F10 (Met ¹ –Trp ¹⁵²) MCSLPMARYY IIKYADQKAL YTRDGQLLVG DPVA DNCCAE KICTLPNRGL DRTKVPIFLG IQGGSRLCLAC VETEEGPSLQ LEDVNIEELY KGGEEATRFT FFQSSSGSAF RLEAAAWPGW FLCGPAEPQQ PVQLTKESEP SAR TKFYFEQ SW 152
Formulation	Lyophilized 100µg human IL1F10 in 50µl of TBS (20mM Tris, 50mM NaCl, pH8.0). Carry free.
Purity	>95% by SDS gel.

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Application	Cell biology.
Reconstitution	Add 500µl deionized water to the vial to prepare a working stock solution at 200µg/mL . Allow to set at least 30 minutes at 4°C, mix well.
Storage	Store lyophilized protein at -20°C or -70°C. Lyophilized protein is stable for up to 6 months from date of receipt at -20°C to -70°C. Upon reconstitution, this protein can be stored at -20°C for a few weeks or at -70°C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

GENE INFORMATION

Gene Name	IL1F10 interleukin 1 family, member 10 (theta) [Homo sapiens]
Synonyms	IL1F10; interleukin 1 family, member 10 (theta); FKSG75; IL-1HY2; IL1-theta; MGC119831; MGC119832; MGC119833; FIL1-theta; interleukin-1 HY2; IL-1F10 (canonical form IL-1F10a); interleukin-1 receptor antagonist FKSG75; interleukin-1 receptor antagonist-like FIL1 theta; Interleukin-1 family member 10; IL-1F10; Interleukin-1 receptor antagonist-like FIL1 theta; Interleukin-1 theta; IL-1 theta; FIL1 theta; Interleukin-1 HY2; IL-1HY2
Gene ID	84639
mRNA Refseq	NM_032556
Protein Refseq	NP_115945
MIM	17144

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UniProt ID	Q8WWZ1
Chromosome Location	2q13
Function	cytokine activity; interleukin-1 receptor antagonist activity

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