

Interleukin 1 Family Active Protein | IL1F10 active protein

Recombinant Human Interleukin 1 Family, Member 10

CATALOG #
AAA38915

HOST
E Coli

PRODUCT SYNONYMS

Interleukin 1 Family; Recombinant Human Interleukin 1 Family; Member 10; IL1F10 Human; Member 10 Human Recombinant; 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; IL1F10 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	IL1F10 was lyophilized after extensive dialysis against 20mM Phosphate buffer, pH7.4. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	Thesequenc eofthefirs ftiveN-ter minalamino acidswasde terminedan dwasfoundt obeMet-Cys -Ser-Leu-P ro
Sequence Length	152
Solubility	It is recommended to quick spin followed by reconstitution of IL1F10 in PBS to a concentration no less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	As measured by its binding ability in a functional ELISA, immobilized IL1F10 at 1 ug/ml (100 ul/well) can bind rHuIL-1 Rrp2/Fc Chimera with a linear range of 0.15- 5 ug/ml.
Preparation and Storage	Lyophilized IL1F10 although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution IL1F10 should be stored at 4 degree C between 2-7 days and for future use below -18 degree C.Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for IL1F10 active protein	Description: IL1F10 Human Recombinant produced in E Coli is a single, non-glycosylated, Polypeptide chain containing 152 amino acids and having a molecular mass of 17kDa.The IL1F10 is purified by proprietary chromatographic techniques. 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.
Product Categories/Family for IL1F10 active protein	Cytokines and Growth Factors; Cytokines; Interleukin

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894304
NCBI GeneID	84639
NCBI Accession #	NP_115945.4
NCBI GenBank Nucleotide #	NM_032556.5

UniProt Accession #	Q8WWZ1; Q53SR9; Q56AT8; Q7RTZ5; Q969H5; Q9BYX1
Molecular Weight	16,701 Da
NCBI Official Full Name	interleukin-1 family member 10
NCBI Official Synonym Full Names	interleukin 1 family, member 10 (theta)
NCBI Official Symbol	IL1F10
NCBI Official Synonym Symbols	IL-38; FKSG75; IL1HY2; IL-1HY2; IL1-theta; FIL1-theta
NCBI Protein Information	interleukin-1 family member 10; FIL1 theta; IL-1 theta; IL-1F10 (canonical form IL-1F10a); family of interleukin 1-theta; interleukin-1 HY2; interleukin-1 receptor antagonist FKSG75; interleukin-1 receptor antagonist-like FIL1 theta; interleukin-38
UniProt Protein Name	Interleukin-1 family member 10
UniProt Gene Name	IL1F10
UniProt Synonym Gene Names	FIL1T; IL1HY2; IL38; IL-1F10; FIL1 theta; IL-1HY2; IL-1 theta; IL-38
UniProt Entry Name	IL1FA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-il1f10-active-protein/interleukin-1-family/38915>