

Recombinant Human Interleukin 1 Family, Member 6, His-tagged

Cat. No. IL1F6-158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1F6 encoding the human IL1F6 (Met1-Phe158) was expressed in <i>E.coli</i> . It was recombined with a Hexa-his tag at the N-Terminus and purified by Ni-NTA column. MW=17.7 KD.
Species	Human
Source	E.coli
Protein Length	1-158 a.a.
Description	IL-1F6 is a secreted cytokine that expressed in immune system and fetal brain, but not in other tissues tested or in multiple hematopoietic cell lines.
Sequence	Human IL1F6 (Met1–Phe158)1 MEKALKIDTP QQGSIQDINH RVWVLQDQTL IAVPRKDRMS PVTIALISCR HVETLEKDRG NPIYLGLNGL NLCLMCAKVG DQPTLQLKEK DIMDLYNQPE PVKSFLFYHS QSGRNSTFES VAFPGWFIIV SSEGGCPLIL TQELGKANTT DFGLTMLF 158
Formulation	Lyophilized 100µg human IL1F6 in 50µl of TBS (20mM Tris, 50mM NaCl, pH8.0). Carry free.
Purity	>95% by SDS gel.
Application	Cell biology.

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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	IL1F6 interleukin 1 family, member 6 (epsilon) [Homo sapiens]
Synonyms	IL1F6; interleukin 1 family, member 6 (epsilon); FIL1; FIL1E; IL-1F6; MGC129552; MGC129553; IL1(EPSILON); FIL1(EPSILON); IL-1F6 (FIL-1-epsilon); interleukin 1, epsilon; Interleukin-1 family member 6; Interleukin-1 epsilon; IL-1 epsilon; FIL1 epsilon
Gene ID	27179
mRNA Refseq	NM_014440
Protein Refseq	NP_055255
MIM	605509
UniProt ID	Q9UHA7
Chromosome Location	2q12-q14.1

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Function

cytokine activity; interleukin-1 receptor binding

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