

# IL1F10, human recombinant

**CATALOG #:** 7325-100 100 µg

**ALTERNATE NAMES:** Putative interleukin-1 receptor antagonist  
FKSG75, FIL1-theta, FKSG75, IL1HY2

**SOURCE:** E. coli

**PURITY:** > 85% by SDS-PAGE

**MOL. WEIGHT:** 19.1 kDa (172 aa, 1-152 aa + His Tag),  
confirmed by MALDI-TOF.

**ENDOTOXIN LEVEL:** < 1.0 EU per 1 µg of protein

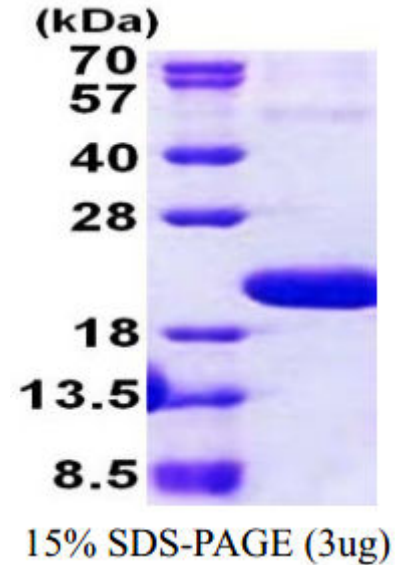
**FORM:** Liquid

**FORMULATION:** 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0)  
containing 0.15 M NaCl, 20% glycerol and 1 mM DTT.

**STORAGE CONDITIONS:** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**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. Recombinant human IL1F10 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**AMINO ACID SEQUENCE:** MGSSHHHHHH SSGLVPRGSH MCSLPMARYY  
IIKYADQKAL YTRDGQLLVG DPVADNCCAE KICTLPNRGL DRTKVPIFLG  
IQGGSRLCLAC VETEEGPSLQ LEDVNIEELY KGGEEATRFT FFQSSSGSAF  
RLEAAAWPGW FLCGPAEPQQ PVQLTKESEP SARTKFYFEQ SW



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**RELATED PRODUCTS:**

- IRF2, human recombinant (Cat. No. 7322-100)
- IRF3, human recombinant (Cat. No. 7323-100)
- IL18BP, human recombinant (Cat. No. 7324-100)
- IL18, mouse recombinant (Cat. No. 7326-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**