

## 32-7063: Recombinant Human Interleukin-38/IL-38/IL-1F10

**Gene :** IL1F10  
**Gene ID :** 84639  
**Uniprot ID :** Q8WWZ1

### Description

Source: E.coli.  
MW :16.9kD.

Recombinant Human IL-1F10 is produced by our E.coli expression system and the target gene encoding Met1-Trp152 is expressed. Human Interleukin 1 Family Member 10 (IL-1F10) is thought to participate in a network of Interleukin 1 cytokine family members to regulate adapted and innate immune responses. IL-1F10 was expressed in fetal skin, spleen and tonsil, mostly in the basal epithelia of skin and in proliferating B-cells of the tonsil. IL-1F10 binds soluble IL-1 receptor type 1 and may be implicated in regulating adapted and innate immune responses. Two alternatively spliced transcript variants encoding the same protein have been reported.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 6.0.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MCSLPMARYYIIKYADQKALYTRDGQLLVGDPVADNCCAEEKICTLPNRGLDRTKVPFLGIQGGSRC  
LACVETEEGPSLQLEDVNIEELYKGEEATRFTFFQSSSGSAFRLEAAWPGWFLCGPAEPQQPV  
QLTKESEPSARTKFYFEQSW

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.