### **RMCM037**

Recombinant IL-38 (Interleukin-38), Mouse, AF



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□ 5ug;20ug;100ug;500ug;

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# Synonym/Alternative

### name(s):

interleukin 1 family, member 10, IL1F10

Activity: N/A

# **Protein Description:**

IL-38 expresses in the fetal skin, spleen and tonsil, mostly in the basal epithelia of skin and in proliferating B cells of the tonsil. IL-38 can bind soluble IL-1 receptor type 1 and may be involved in the regulation of adapted and innate immune responses.

Protein Accession: Q8R459.1

Gene ID: 215274

### **Expression Sequence:**

MCSLPMARYYIIKDAHQKALYTRNGQLLLGDPDSDNYSPEKVCILPNRGLDRSKVPIFLGMQGGSCCLACVKTREGPLLQLEDVNIEDLY KGGEQTTRFTFFQRSLGSAFRLEAAACPGWFLCGPAEPQQPVQLTKESEPSTHTEFYFEMSR with polyhistidine tag at the C-terminus.

Fusion tag: His-tag?at?the?C-terminus

**Species**: Mouse **Reactivity**: Mouse

**Expression Host:** Escherichia coli

Source : E. coli
Purity/method:

>98% as determined by SDS-PAGE. Ni-NTA chromatography

# **Endotoxin level:**

<0.1 EU per 1  $\mu g$  of the protein by the LAL method.

Calculated Molecular Weight: 17.89 kDa

#### Formulation:

The protein was lyophilized from a solution containing 1X PBS, pH 7.4

### Reconstitution:

It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100  $\mu$ g/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Shipping:** Blue Ice

# Stability and Storage:

Lyophilized protein should be stored at -20°C for 1 year.

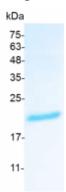
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category: Cytokines

**Application :** Cell culture, Elisa

# Image:



SDS- PAGE analysis of recombinant mouse IL-38