

RMCH045

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

 5ug;20ug;100ug;500ug;

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Synonym/Alternative name(s):

interleukin 1 family member 10, IL1F10, FIL1-theta, FKSG75, IL-1HY2, IL1-theta, IL1HY2

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 : AAI03967.1**Gene ID :** 84639**Expression Sequence:**

MCSLPMARYYIIKYADQKALYTRDQQLLVGDPVADNCCAEEKICTLPNRLDRTKVPFLGIQGGSRCLACVETEEGPSLQLEDVNIIELYKGGEEATRFTFFQSSSGSAFRLEAAAWPGWFLCGPAEPQQPVQLTKESEPSARTKFYFEQSW with polyhistidine tag at the C-terminus.

Fusion tag : His-tag?at?the?C-terminus**Species :** Human**Reactivity :** Human**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 µg of the protein by the LAL method.

Calculated Molecular Weight : 17.78 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 µg/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.

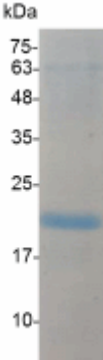
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

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 human IL-38