

RMCM035

Recombinant IL-36RA (Interleukin-36 receptor antagonist), Mouse ,AF



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

Synonym/Alternative name(s):

FIL1 delta, IL-1F5, IL-1HY1, IL-1L1, IL-1RP3, IL-1ra Homolog 1, IL-1 delta

Activity:

Measure by its ability to inhibit IL-36 gamma-induced IL-6 secretion in 3T3 cells.

The ED50 for this effect is <2 ng/mL.

Protein Description:

As a result of the interaction of IL-36 ligands with the IL-1Rrp2 receptor. Various activities including dendritic cell maturation and activation are induced. IL-36RA can antagonize the NF-kB signaling through binding to the IL-1Rrp2 receptor by either IL-36 α , β or γ in a way of preventing the initiation of functional signaling.

Protein Accession : Q9QYY1.2

Gene ID : 54450

Expression Sequence:

MVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAEKVIKGEESVVPNRALDASLSPVILGVQGGSQCLSCGTEKGPILKLEPVNIMELYLG AKESKSFTFYRRDMGLTSSFESAAYPGWFLCTSPEADQPVRTLQIPEDPAWDAPITDFYFQQCD 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 μ g of the protein by the LAL method.

Calculated Molecular Weight : 17.81 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 μ 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.

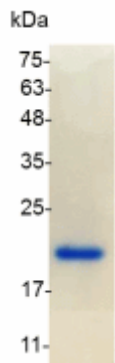
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

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-36RA