

RMCM091

Recombinant CXCL9 (C-X-C motif chemokine 9), Mouse , Ar



Order 021-34695924
orders@ab-mart.com
Support 400-6123-828
support1@ab-mart.com
Web www.ab-mart.com.cn

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

Synonym/Alternative name(s):

Monokine Induced by Interferon- γ , MIG

Activity:

Measure by its ability to chemoattract BaF3 cells transfected with mouse CXCR3.

The ED50 for this effect is <0.3 μ g/mL.

Protein Description:

CXCL9, also named Monokine, is a member of the CXC chemokine family and is induced by gamma interferon (MIG). Following induced by IFN-gamma, this chemokine can attract T-cells. CXCL9 has close relationship with two other CXC chemokines named CXCL10 and CXCL11, additionally they all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3. CXCL9 is also a cytokine that affects the growth, movement, or activation state of cells participating in immune and inflammatory response and work as a chemoattractant of activated T-cells.

Protein Accession : AAA39706.1

Gene ID : 17329

Expression Sequence:

TLVIRNARCSCISTSRGTIHYKSLKDLKQFAPSPNCNKTEIATLKNQDQTCCLDPDSANVKKLMKEWEKKINQKKKQKRGKKHQKNMKN
RKPPTQSRRRSRKTT with polyhistidine tag at the N-terminus.

Fusion tag : His-tag?at?the?N-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 : 13.00 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.

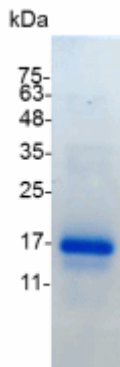
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

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 CXCL9