

RMCM088

Recombinant CXCL7 (48-109) (C-X-C motif chemokine 7),
Mouse , AF



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

Synonym/Alternative name(s):

NAP-2, PPBP, CT, CTA, CTAP3, CTAPIII, LA-PF4, LDG, LDGF, MDGF, NAP-2-L1, Scyb, Scyb7, TGB, TGB1, THBGB1, b-TG1, beta-T, beta-TG

Activity:

Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2.
The ED50 for this effect is <5 ng/mL.

Protein Description:

The platelet-derived protein CXCL7 is a growth factor that belongs to the alpha-chemokine family. It is released in large amounts from platelets following their activation. It stimulates various processes including mitogenesis, synthesis of extracellular matrix, glucose metabolism and synthesis of plasminogen activator.

Protein Accession : P02775.3

Gene ID : 5473

Expression Sequence:

IELRCRCTNTISGIPFNSISLVNYYRPGVHCADVEVIATLKNQKTCCLDPNAPGVKRVIMKI 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 µg of the protein by the LAL method.

Calculated Molecular Weight : 7.57 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 mouse CXCL7 (48-109)