

RMCH129

Recombinant CCL3 (C-C motif chemokine ligand 3), Human, AF



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

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Synonym/Alternative name(s):

MIP-1a: Macrophage Inflammatory Protein-1 α , LD78 α

Activity:

Measure by its ability to chemoattract BaF3 cells transfected with human CCR5.

The ED50 for this effect is <10 ng/mL.

Protein Description:

CCL3 is belonging to the CC chemokine family. CCL3 participates in activating and recruiting cells, such as lymphocytes, monocytes, and granulocytes during acute inflammation. In addition, CCL3 can enhance IFN- γ secretion from activated T cells and thus induces Th1 response, thereby to regulating leukocyte migration. It is reported that CCL3 is involved in susceptibility of HIV infection and disease progression of AIDS.

Protein Accession : P10147

Gene ID : 6348

Expression Sequence:

ADTPTACCFSYTSRQIPQNFADYFETSSQCSKPGVIFLTKRSRQVCADPSEEWVQKYVSDLELSA.

Fusion tag : tag-free

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 μ g of the protein by the LAL method.

Calculated Molecular Weight : 7.43 kDa

Formulation:

The protein was lyophilized from a solution containing 50 mM Tris and 150 mM NaCl, pH 8.5.

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 human CCL3