

CCL3/MIP-1 α /LD78 α , Human, Recombinant

Cat. No. : PCK295

General Information

Synonyms	MIP-1 α : Macrophage Inflammatory Protein-1 α ;LD78 α
Species	Human
Expression host	E.coli
Sequence	ADTPTACCFSYTSRQIPQNFADYFETSSQCSKPGVIFLTKRSRQVCADPSEEWVQKYVSDLEL SA.
Accession	P10147
Tag	tag-free
Mol mass	8.4 kDa
Expiration date	12 months
Bio activity	Measure by its ability to chemoattract BaF3 cells transfected with human CCR5. The ED50 for this effect is < 10 ng/mL.

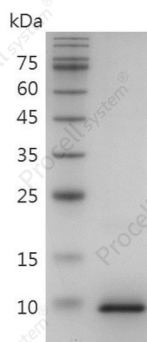
Product feature

Purity	> 98% as determined by SDS-PAGE. Ni-NTA chromatography.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°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 -5~-20°C or -80°C for 3-6 months.
Shipping	Ice bag
Formulation	The protein was lyophilized from a 0.2 μ m filtered solution containing 50 mM Tris and 150 mM NaCl, pH 8.5.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μ g/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Background

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.

SDS-PAGE



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