

## CCL3/MIP-1 $\alpha$ /LD78 $\alpha$ , Human, Recombinant

货号 : PCK295

### 产品信息

别名	MIP-1a: Macrophage Inflammatory Protein-1 $\alpha$ , LD78 $\alpha$
物种	Human
表达宿主	E.coli
序列信息	ADTPTACCFSYTSRQIPQNFIADYFETSSQCCKPGVIFLTKRSRQVCADPSEE WVQKYVSDLELSA.
检索号	P10147
分子量	8.4 kDa
标签	tag-free
生物活性	Measure by its ability to chemoattract BaF3 cells transfected with human CCR5. The ED50 for this effect is <10 ng/mL.

### 产品特性

纯度	>98% as determined by SDS-PAGE. Ni-NTA chromatography
内毒素	<0.1 EU per 1 $\mu$ g of the protein by the LAL method.
保存	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.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 $\mu$ m filtered solution containing 50 mM Tris and 150 mM NaCl, pH 8.5.



## 复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu\text{g/mL}$ . Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

## 背景介绍

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- $\gamma$  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

