

MIP-1 α /CCL3 (N-6His), Mouse, Recombinant**Cat. No. : GPCK231****产品信息**

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|------|-------------|
| 物种 | Mouse |
| 表达宿主 | E.coli |
| 序列信息 | Ala24-Ala92 |
| 检索号 | P10855 |
| 标签 | N-6His |
| 分子量 | 10.8 kDa |
| 有效期 | 12 months |

产品特性

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|-------------------|--|
| 内毒素 (EU/ μ g) | < 0.1 |
| 保存 | Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months. |
| 运输 | Ambient temperature or ice pack. |
| 制剂 | Lyophilized from a 0.2 μ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 5% Trehalose, 1 mM EDTA, pH 8.0. |
| 复溶 | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

背景介绍

C-C Motif Chemokine 3 (MIP-1 α , CCL3) is a member of the beta or CC subfamily of Chemokines and is closely related to CCL4/MIP-1 beta. CCL3 expression can be induced in a variety of hematopoietic cells, fibroblasts, smooth muscle cells, and epithelial cells. Mature mouse CCL3 shares 73%, 91%, and 82% amino acid sequence identity with human, rat, and cotton rat CCL3, respectively. CCL3 exerts its biological functions through interactions with CCR1, CCR3, and CCR5. It is cleared from the extracellular space by internalization via the decoy Chemokine Receptor D6. CCL3 promotes the chemoattraction, adhesion to activated vascular endothelium, and cellular activation of many hematopoietic cell types including activated T cells, NK cells, neutrophils, monocytes, immature dendritic cells, and eosinophils. CCL3 is also known as stem cell inhibitor (SCI) and can inhibit the proliferation of hematopoietic progenitor cells. CCL3 bioactivity contributes to tumor metastasis and the inflammatory components of viral infection, rheumatoid arthritis, and hepatitis, although it also can suppress the replication of HIV.

