

## CXCL2/ MIP-2 / GRO-β, Mouse, Recombinant

货号: PCK237

## 产品信息

别名 MIP-2; Chemokine Ligand 2; C-X-C Motif Chemokine 2; GRO beta; GRO2;

GROB; Gro-beta; Growth-regulated Protein beta; Macrophage Inflammatory Protein-2-alpha; melanoma growth stimulatory activity beta; cxcl2; MGSA-b;

MGSA-beta; MIP2A; MIP2-alpha; SCYB2.

物种 Mouse

表达宿主 E.coli

序列信息 Ala28-Asn100

检索号 P10889

分子量 7.9 kDa

# 产品特性

纯度 >95% as determined by reducing SDS-PAGE.

内毒素 < 1.0 EU per µg as determined by LAL test.

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 µm filtered solution of 20mM Tris,150mM NaCl,pH8.0.

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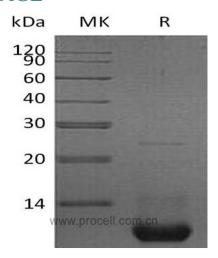
#### 复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml.Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 背景介绍

C-X-C Motif Chemokine 2 (CXCL2,MIP-2) belongs to the intercrine alpha (Chemokine CxC) family. It was originally identified as a heparin-binding Protein secreted from a murine macrophage cell line in response to endotoxin stimulation. The expression of mouse MIP-2 is stimulated by endotoxin. The mouse MIP-2 shares approximately 63% as sequence identity with murine KC, another mouse alpha Chemokine, which is induced by PDGF. It has been suggested that mouse KC and MIP-2 are the homologs of the human GROs and rat CINCs. Chemotactic for human polymorphonuclear leukocytes but does not induce Chemokinesis or an oxidative burst. The expression of MIP-2 was found to be associated with neutrophil influx in pulmonary inflammation and glomerulonephritis, suggesting that MIP-2 may contribute to the pathogenesis of inflammatory diseases.

#### SDS-PAGE



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