

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.



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% aa 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 CINC3s. 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

