

CXCL2/MIP-2 /GRO- β , Mouse, Recombinant**Cat. No. : GPCK237****产品信息**

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
有效期	12 months

产品特性

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, 150 mM NaCl, 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-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 CINC α s. 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.

