

## GRO- $\alpha$ / CXCL1 (C-6His), Mouse, Recombinant

货号 : PCK234

### 产品信息

别名	Growth-regulated alpha Protein; C-X-C Motif Chemokine 1; Platelet-Derived Growth Factor-inducible Protein KC; Secretory Protein N51; Cxcl1; Gro; Gro1; Mgsa; Scyb1
物种	Mouse
表达宿主	Human Cells
序列信息	Arg20-Lys96
检索号	P12850
分子量	9.4 kDa
标签	C-6His

### 产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per $\mu$ g 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 $\mu$ m filtered solution of PBS, pH7.4.



## 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

Growth-regulated alpha Protein (CXCL1, KC), is a member of the alpha Chemokine subfamily, was initially identified as an immediate early gene induced in mouse fibroblasts by platelet-Derived Growth Factor. The N-terminal processed form KC (5-72) of the Protein is produced by proteolytic cleavage after secretion from bone marrow stromal cells, and shows a highly enhanced hematopoietic activity. Mouse KC shows approximately 63% identity to that of mouse MIP-2. KC is also approximately 60% identical to the human GROs. It has been suggested that mouse KC and MIP-2 are the orthologs of the human GROs and rat CINC1s. Cxcl1 has chemotactic activity for neutrophils, and contributes to neutrophil activation during inflammation. Hematopoietic Chemokine, in vitro, suppresses hematopoietic progenitor cell proliferation.

## SDS-PAGE

