

# Recombinant Mouse CXCL1/GRO-alpha Protein

Catalog No.: RP01641 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	14825	P12850

### Tags

C-hFc

### Synonyms

KC; Fsp; N51; gro; Gro1; Mgsa; Scyb1; CXCL1

## Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

### Endotoxin

<0.1EU/μg

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

## Background

Has chemotactic activity for neutrophils. Contributes to neutrophil activation during inflammation. Hematopoietic chemokine, which, in vitro, suppresses hematopoietic progenitor cell proliferation.

## Basic Information

### Description

Recombinant Mouse CXCL1/GRO-alpha Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg20-Lys96) of mouse CXCL1/GRO-alpha (Accession #NP\_032202.1) fused with and a hFc tag at the C-terminus.

### Bio-Activity

### Storage

Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

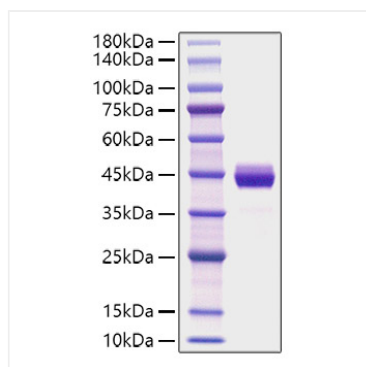
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## Validation Data

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Recombinant Mouse CXCL1/GRO-alpha Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 38 kDa.