# 重组人CXC趋化因子1(CXC1)

C-X-C Motif Chemokine 1,Human,Recombinant(C-6His)

Cat. No.: MA1454-1 Size: 10μg

**Source:** Human Cells

**Description:** Recombinant Human C-X-C Motif Chemokine 1 is produced by our Mammalian expression system and the target gene encoding Ala35-Asn107 is expressed with a 6His tag at the C-terminus.

**Accession:** P09341

**Known As:** Growth-Regulated Alpha Protein; C-X-C Motif Chemokine 1; GRO-Alpha(1-73); Melanoma Growth Stimulatory Activity; MGSA; Neutrophil-Activating Protein 3; NAP-3; CXCL1; GRO; GRO1; GROA; MGSA; SCYB1

**Predicted Mol Mass:** 8.9 KDa

**Apparent Mol Mass:** 10—14 KDa, reducing conditions

**Endotoxin:** < 0.01 EU/μg as determined by LAL test.

**Formulation:** Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 5% Trehalose, pH 7.4.

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

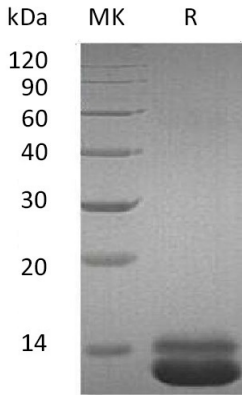
**Shipping:** The product is shipped at ambient temperature.
Upon receipt, store it immediately at the temperature listed below.

**Storage:** Lyophilized protein should be stored at ≤ -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 ≤ -20°C for 3 months.

**Background:** Chemokine (C-X-C motif) Ligand 1 Protein (CXCL1) is a growth factor for melanoma cells and a chemotaxin for neutrophils and a member of the CXC chemokine family that is a potent neutrophil attractant and activator and is also active toward basophils. CXCL1 is expressed by macrophages, neutrophils and epithelial cells; it has neutrophil chemoattractant activity. CXCL1 plays a critical nonredundant role in the development of experimental Lyme arthritis and carditis via CXCR2-mediated recruitment of neutrophils into the site of infection and may also have important pro-nociceptive effects via its direct actions on sensory neurons, and may induce long-term changes that involve protein synthesis.



## Purity-SDS-PAGE:




Greater than 95% as determined by reducing SDS-PAGE.



大连美仑生物技术有限公司
官网:https://www.meilunbio.com/
电话/邮箱:0411-62910999 sales@meilune.com