

## CXCL1/GRO- $\alpha$ /NAP-3/GRO1, Human, Recombinant

货号 : PCK359

### 产品信息

别名	GRO- $\alpha$ : MGSA $\alpha$ , NAP-3, GRO1
物种	Human
表达宿主	E.coli
序列信息	ASVATELRCQCLQTLQGIHPKNIQSVNVKSPGPHCAQTEVIATLKNGRKAC LNPASPIVKKIIEKMLNSDKSN with polyhistidine tag at the N-terminus.
检索号	P09341
分子量	8.67 kDa
标签	His-tag at the N-terminus
生物活性	Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED50 for this effect is <3 ng/mL.

### 产品特性

纯度	>98% as determined by SDS-PAGE. Ni-NTA chromatography
内毒素	<0.1 EU per 1 $\mu$ g of the protein by the LAL method.
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 $\mu$ m filtered solution containing 1X PBS, pH 7.4.



## 复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu\text{g/mL}$ . Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

## 背景介绍

CXCL1/GRO $\alpha$  act as a growth factor for melanoma cells. It is also a chemotaxin for neutrophils. Like other alpha chemokines, this protein is potent neutrophil attractant and activator and is also affect basophils. Clinical research show that CXCL1 protein may be a therapeutic target as well as a diagnostic marker in ovarian cancer.

## SDS-PAGE

