

GRO-alpha/CXCL1 Protein, Mouse (His)

Cat. No.:	HY-P700559
Synonyms:	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
Species:	Mouse
Source:	E. coli
Accession:	P12850 (N29-K96)
Gene ID:	14825
Molecular Weight:	11.5 kDa

PROPERTIES

AA Sequence	N E L R C Q C L Q T M A G I H L K N I Q S L K V L P S G P H C T Q T E V I A T L K N G R E A C L D P E A P L V Q K I V Q K M L K G V P K
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	GRO-alpha (CXCL1) Protein exhibits chemotactic properties, attracting neutrophils and contributing to their activation during inflammatory responses. Additionally, this hematoregulatory chemokine displays the ability to suppress the proliferation of hematopoietic progenitor cells, highlighting its intricate role in regulating hematopoiesis. Notably, the truncated form KC(5-72) exhibits significantly enhanced hematopoietic activity in vitro.
------------	--

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA