

## GRO-alpha/CXCL1 Protein, Mouse (CHO)

<b>Cat. No.:</b>	HY-P7186
<b>Synonyms:</b>	rMuGRO- $\alpha$ /CXCL1; Growth-regulated alpha protein; C-X-C motif chemokine 1; KC; HSF
<b>Species:</b>	Mouse
<b>Source:</b>	CHO
<b>Accession:</b>	P12850 (A25-K96)
<b>Gene ID:</b>	14825
<b>Molecular Weight:</b>	5-7 kDa

### PROPERTIES

<b>AA Sequence</b>	A P I A 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
<b>Biological Activity</b>	The ED <sub>50</sub> is <10 ng/mL as measured by HUVEC cells.
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized after extensive dialysis against PBS.
<b>Endotoxin Level</b>	<0.2 EU/ $\mu$ g, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O or PBS.
<b>Storage &amp; Stability</b>	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	CXCL1 plays a major role in inflammation, angiogenesis, tumorigenesis, and wound healing. CXCL1 is shown to be up-regulated in melanoma cells, and it is involved in pathogenesis of melanoma <sup>[1]</sup> .
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### REFERENCES

[1]. Dhawan P, et al. Role of CXCL1 in tumorigenesis of melanoma. J Leukoc Biol. 2002 Jul;72(1):9-18.

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

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