

## Product datasheet for **AR50349PU-N**

### CXCL1 / GRO-alpha (25-96, His-tag) Mouse Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CXCL1 / GRO-alpha (25-96, His-tag) mouse protein, 0.5 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEMAPIAN ELRCQCLQTM AGIHLKNIQS LKVLPSGPHC TQTEVIATLK NGREACLDPE APLVQKIVQK MLKGVPK
Tag:	His-tag
Predicted MW:	10.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl,
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_032202</a>
Locus ID:	14825
UniProt ID:	<a href="#">P12850</a> , <a href="#">A2RTH0</a>
Cytogenetics:	5 44.78 cM
Synonyms:	F; Fsp; Gr; gro; Gro1; KC; Mg; Mgsa; N5; N51; Scyb; Scyb1
Summary:	This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This secretory protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils. In mouse, deficiency of this gene is associated with colitis and with defects in immune cell recruitment to the lung. [provided by RefSeq, Apr 2013]



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## Product images:

