

GRO/KC (CXCL1), Rat Recombinant

CATALOG NO:	P1288-5, 25	5 µg, 25 µg
ALTERNATE NAMES:	MGSA α , CXCL1, NAP-3, GRO1, GRO/MGSA (human), KC (murine), CINC (rat), C-X-C motif chemokine 1, Cytokine-induced neutrophil chemoattractant 1, CINC-1, Platelet-derived growth factor-inducible protein KC	
SOURCE:	E. Coli	
PURITY:	≥ 98% by SDS-PAGE analyses.	
MOL. WEIGHT:	7.8 kDa	
FORM:	Lyophilized	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	
BIOLOGICAL ACTIVITY:	Determined by its ability to chemoattract rat neutrophils using a concentration range of 10.0-100.0 ng/ml.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.	
DESCRIPTION:	All three isoforms of GRO are CXC chemokines that can signal through the CXCR1 or CXCR2 receptors. The GRO proteins chemoattract and activate neutrophils and basophils. Recombinant rat GRO/KC is a 7.8 kDa protein consisting of 72 amino acids including the 'ELR' motif common to the CXC chemokine family that bind to CXCR1 or CXCR2.	

RELATED PRODUCTS:

- GRO-alpha/MGSA, human recombinant (**Cat. No. 4104**)
- GRO-beta/MIP-2, rat recombinant (**Cat. No. 4108**)
- GRO-beta, human recombinant (**Cat. No. 4106**)
- GRO-gamma, human recombinant (**Cat. No. 4107**)
- GRO/KC, murine recombinant (**Cat. No. 4210**)
- MIP-2/Gro-beta, murine recombinant (**Cat. No. 4251**)
- KC Antibody (**Cat. No. 5212**)
- KC Antibody (**Cat. No. 5211**)

FOR RESEARCH USE ONLY! Not to be used on humans.