

CXCL1, NAP-3

Catalog # PVGS1296

Product Information

Primary Accession	P14095
Species	Rat
Sequence	APVANELRCQ CLQTVAGIHF KNIQSLKVMP PGPHTCTQTEV IATLKNGREA CLDPEAPMVQ KIVQKMLKGV PK
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	
Formulation	Lyophilized after extensive dialysis against PBS.
Reconstitution	Reconstituted in ddH ₂ O or PBS at 100 µg/ml.

Additional Information

Gene ID	81503
Other Names	Growth-regulated alpha protein, C-X-C motif chemokine 1, Cytokine-induced neutrophil chemoattractant 1, CINC-1, Platelet-derived growth factor-inducible protein KC, Cxcl1, Cinc1, Gro, Scyb1
Target Background	GRO/MGSA/CXCL1 has chemotactic activity for neutrophils. It may play a role in inflammation and exerts its effects on endothelial cells in an autocrine fashion. All three isoforms of GRO are CXC chemokines that can signal through the CXCR1 or CXCR2 receptors. GRO expression is inducible by serum or PDGF and/or by a variety of inflammatory mediators, such as IL-1 and TNF, in monocytes, fibroblasts, melanocytes and epithelial cells. In certain tumor cell lines, GRO is expressed constitutively.

Protein Information

Name	Cxcl1
Synonyms	Cinc1, Gro, Scyb1
Function	Has chemotactic activity for neutrophils. Contributes to neutrophil activation during inflammation.
Cellular Location	Secreted.
Tissue Location	At least expressed in the lung and trachea.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.