

CXCL1, NAP-3
Catalog # PVGS1296**Specification**

CXCL1, NAP-3 - Product Information

Primary Accession [P14095](#)
Species
Rat

Sequence

APVANELRCQ CLQTVAGIHF KNIQSLKVMP PGPHTCTEV IATLKNGREA CLDPEAPMVQ KIVQKMLKGV PK

Purity

> 95% as analyzed by SDS-PAGE.

Endotoxin Level

< 0.2 EU/ µg, determined by LAL method.

Formulation

Lyophilized after extensive dialysis against PBS.

Reconstitution

Reconstituted in ddH₂O or PBS at 100 µg/ml.

CXCL1, NAP-3 - 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.

CXCL1, NAP-3 - 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.

CXCL1, NAP-3 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CXCL1, NAP-3 - Images