

DCIP-1, GRO3
Catalog # PVGS1382**Specification**

DCIP-1, GRO3 - Product Information

Primary Accession [Q10746](#)
Species
Rat

Sequence
RELRCQCLKT LPRVDFENIQ SLTVTPPGPH CTQTEVIATL KDGQEVCLNP QAPRLQKIIQ KLLKSDKS

Purity
> 98% 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.

DCIP-1, GRO3 - Additional Information

Other Names
C-X-C motif chemokine 3, Cytokine-induced neutrophil chemoattractant 2, CINC-2, Macrophage inflammatory protein 2-alpha/beta, MIP2-alpha/beta, Cxcl3, Cinc2

Target Background
Chemokine (C-X-C motif) ligand 3 (CXCL3) is a small cytokine belonging to the CXC chemokine family that is also known as MIP2β (macrophage inflammatory protein 2 beta), or DCIP1 (dendritic cell inflammatory protein1) in mouse, CINC-2 (cytokineinduced neutrophil attractant 2) in rat, or GROγ (growthregulated oncogene gamma) in human.
CXCL3 controls migration and adhesion of monocytes and mediates its effects on target cells by interacting with the cell surface chemokine receptor CXCR2. It has been shown that CXCL3 regulates cerebellar granule neuron precursors toward the internal layers of the cerebellum during cerebellum morphogenesis. CXCL3 is a potential target for medulloblastoma therapy. CXCL3 is regulated transcriptionally by BTG2.
Recombinant Rat CINC-2α/CXCL3 produced in CHO cells is a polypeptide chain containing 68 amino acids. A fully biologically active molecule, rrCINC-2α/CXCL3 has a molecular mass of 7.6 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at .

DCIP-1, GRO3 - Protein Information

Name Cxcl3

Synonyms Cinc2**Function**

Ligand for CXCR2 (By similarity). Has chemotactic activity for neutrophils. May play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion.

Cellular Location

Secreted.

DCIP-1, GRO3 - 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](#)

DCIP-1, GRO3 - Images