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DCIP □1, GRO3

Catalog # PVGS1382

Product Information

Primary Accession	Q10746
Species	Rat
Sequence	RELRCQCLKT LPRVDFENIQ SLTVTPPGPH CTQTEVIATL KDGQEVCLNP QAPRLQKIIQ KLLKSDKS
Purity	> 98% as analyzed by SDS-PAGE.
Endotoxin Level	
Formulation	Lyophilized after extensive dialysis against PBS.
Reconstitution	Reconstituted in ddH_2O or PBS at 100 □g/ml.

Additional Information

Gene ID	171551
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 .

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.

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