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32-1905: rGRO g/CINC-2b Recombinant Protein

Alternative Name :	Macrophage inflammatory protein 2-beta,MIP2-beta,CXCL3,Growth-regulated protein gamma,GRO-gamma,GRO-gamma (1-73),GRO3,GROg,MIP2B,SCYB3,MIP-2b,CINC-2b,MGSA gamma.

Description

Source : Escherichia Coli. GRO-g Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 68 amino acids and having a total molecular mass of 7.8kDa. GRO-g is purified by proprietary chromatographic techniques. Chemokine (C-X-C motif) ligand 3 (CXCL3) is a small cytokine belonging to the CXC chemokine family that is also known as GRO3 oncogene (GRO3), GRO protein gamma (GROg) and macrophage inflammatory protein-2-beta (MIP2b). CXCL3 controls migration and adhesion of monocytes and mediates it effects on its target cell by interacting with a cell surface chemokine receptor called CXCR2. The gene for CXCL3 is located on chromosome 4 in a cluster of other CXC chemokines.

Product Info

Amount :	10 µg
Purification :	Greater than 97.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	Lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in 1xPBS, pH 7.4.
Storage condition :	Lyophilized GRO-g although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GRO-g should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	RELRCQCLKT LPRVDFENIQ SLTVTPPGPH CTQTEVIATL KDGQEVCLNP QAPRLQKIIQ KLLKSPSL.

Application Note

It is recommended to reconstitute the lyophilized GRO-g in sterile 18M-cm H2O not less than 100ÃÂµg/ml, which can then be further diluted to other aqueous solutions. Determined by its ability to chemoattract human CXCR2 transfected 293 cells using a concentration range of 10-100ng/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.