

Rat GRO-g/CINC-2a Recombinant Protein



RPPB1155

Product Information Protein Information

Product SKU:

RPPB1155

Accession:

Q10746

Host:

Escherichia Coli.

Protein description:

GRO-g Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 69 amino acids and having a molecular mass of 7.8kDa. The CXCL3 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Cytokine-induced neutrophil chemoattractant 2, CINC2, CINC-2, Macrophage inflammatory protein 2-alpha.

Formulation:

The Rat CXCL3 lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized GRO-gamma in sterile 18Mcm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized GRO-gamma although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL3 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 Sequence:

RELRCQLKLT LPRVDFENIQ SLTVTPPGPH CTQTEVIATL KDGQEVCLNP QAPRLQKIIQ KLLKSDKSS.

Biological Activity:

Determined by its ability to chemoattract 293 transfected CXCR2 cells using a concentration range of 10-100 ng/ml, corresponding to a specific activity of 10,000-100,000 units/mg.