

# Rat GRO-g/CINC-2b Recombinant Protein



RPPB1156

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## Product Information    Protein Information

**Product SKU:**

RPPB1156

**Accession:**

Q10746

**Host:**

Escherichia Coli.

**Protein description:**

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.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

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.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in 1×PBS, pH 7.4.

**Purity:**

Greater than 97.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

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

**Stability:**

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 Sequence:**

RELRCQLKLT LPRVDFENIQ SLTVTPPGPH CTQTEVIATL KDGQEVCLNP QAPRLQKIIQ KLLKSPSL.

**Biological Activity:**

Determined by its ability to chemoattract human CXCR2 transfected 293 cells using a concentration range of 10-100ng/ml.