

# Recombinant Mouse CXCL1 protein(His Tag)

RPES6686

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES6686

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Contents:** 100µg, 20µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Mouse

**Endotoxin:** < 0.1 EU per µg of the protein as determined by the LAL method.

**Synonyms:** C-X-C Motif Chemokine 1, CXCL1, GRO, GRO-Alpha(1-73), GRO1, GROA, Growth-Regulated Alpha Protein, MGSA, Melanoma Growth Stimulatory Activity, NAP-3, Neutrophil-Activating Protein 3, SCYB1

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** None

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** E.coli

**Bio-Activity:** Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED50 for this effect is <15 ng/mL.

**Calculated MW:** 7.5 kDa

**Formulation:** Lyophilized from sterile 50 mM Tris, 150 mM NaCl, pH 8.5. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 11 kDa

**Reconstitution:** Please refer to the printed manual for detailed information.

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Accession:** P12850

**Source:** E.coli-derived Mouse CXCL1 protein Asn 29-Lys 96

**Sequence:** Asn 29-Lys 96

**Form:** Lyophilized powder

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.