

# Recombinant Human CXCL1 Protein(GST Tag)

RPES9389

## 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:** RPES9389

**Purity:** > 85% as determined by reducing SDS-PAGE.

**Contents:** 100µg, 20µg, 500µg, 1mg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** < 10 EU/mg of the protein as determined by the LAL method

**Synonyms:** CXCL, SCYB, Secretory protein N, CINC, NAP, CXCL1, FSP, GRO1, GROa, MGSA, MGSA-a, NAP-3, SCYB1, GRO alpha, CINC-1, C-X-C Motif Chemokine 1, GRO-A, GRO-Alpha(1-73), Growth-Regulated Alpha Protein, GRO-Î±: MGSAÎ±, Melanoma Growth Stimulatory Activity, NAP3, Neutrophil-Activating Protein 3, Platelet-derived growth factor-inducible protein KC, Secretory protein N51, GRO, alpha, alpha), chemokine (C-X-C motif) ligand 1, Chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, C-X-C motif chemokine ligand 1, Cytokine-induced neutrophil chemoattractant 1, Fibroblast secretory protein, Gro 1, Gro A, GRO protein, Gro1 oncogene, GRO1 oncogene (melanoma growth stimulating activity, GRO1 oncogene (melanoma growth-stimulating activity), GRO-alpha(6-73), homolog of, KC chemokine, melanoma growth stimulatory activity alpha, member 1, MGSA alpha, mouse, N51, Scyb 1, Small inducible cytokine subfamily B

**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:** N-GST

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

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

**Expression Host:** E.coli

**Bio-Activity:** Not validated for activity

**Calculated MW:** 43.8 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Observed MW:** 38 kDa

**Reconstitution:** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

**Accession:** P09341

**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

**Source:** E.coli-derived Human CXCL1 protein Ala35-Asn107, with an N-terminal GST

**Sequence:** Ala35-Asn107

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

**Form:** Lyophilized powder

