

Recombinant Human CXCL1 Protein(Trx Tag)

RPES9366

Description

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

SKU: RPES9366

Purity: > 95% 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-Trx

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: 28.0 kDa

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

Observed MW: 25 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 Trx

Sequence: Ala35-Asn107

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

Form: Lyophilized powder

