

# Recombinant Human IL-8 Protein(GST Tag)

RPES8664

## 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:** RPES8664

**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, Interleukin, C-X-C motif chemokine, Chemokine (C-X-C motif) ligand, IL8/CXCL, GCP, NAP, CXCL8, GCP-1, GCP1, IL8, LECT, LUCT, LYNAP, MDNCF, MONAP, NAF, NAP-1, NAP1, 3-10C, AMCF-I, IL8/CXCL8, K60, Interleukin-8, IL-8, Emoctakin, C-X-C motif chemokine 8, Chemokine (C-X-C motif) ligand 8, Granulocyte chemotactic protein 1 (GCP-1), Monocyte-derived neutrophil chemotactic factor (MDNCF), (Ala-IL-8)77, (Ser-IL-8)72, 9E3, Beta thromboglobulin like protein, CEF-4, chemokine, CXC motif, GCP/IL-8 protein I, GCP/IL-8 protein II, GCP/IL-8 protein III, GCP/IL-8 protein IV, GCP/IL-8 protein V, GCP/IL-8 protein VI, Granulocyte chemotactic protein 1, IL-8(1-77), IL-8(9-77), IL8/NAP1 form I, IL8/NAP1 form II, IL8/NAP1 form III, IL8/NAP1 form IV, IL8/NAP1 form V, IL8/NAP1 form VI, Inteleukin 8, ligand 8, Lymphocyte-derived neutrophil-activating factor, MDNCF-b, MDNCF-c, Monocyte-derived neutrophil chemotactic factor, Monocyte-derived neutrophil-activating peptide, Neutrophil activating peptide 1, Neutrophil activating protein 1, Neutrophil-activating factor, Neutrophil-activating protein 1, Protein 3

**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.

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

10C, Protein 3-10C, SCYB8, Small inducible cytokine subfamily B member 8, T cell chemotactic factor, T-cell chemotactic factor, TSG1

**Tag:** N-GST

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

**Expression Host:** E.coli

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

**Calculated MW:** 34.3 kDa

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

**Observed MW:** 9 kDa & 35 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:** P10145

**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 IL-8 protein Ser28-Ser99, with an N-terminal GST

**Sequence:** Ser28-Ser99

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

**Form:** Lyophilized powder

