

# Recombinant Human IL-6 Protein (Fc Tag)

RPES9287

## 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:** RPES9287

**Purity:** > 90% as determined by reducing SDS-PAGE.

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

**Concentration:** -

**Species:** Human

**Endotoxin:** < 1.0 EU/mg of the protein as determined by the LAL method

**Synonyms:** IFNB, Interleukin HP, Interferon Beta, B-Cell Stimulatory Factor, IFN-Beta, B-cell hybridoma growth factor, B-Cell Stimulatory Factor 2, BSF2, BSF-2, CDF, CTL Differentiation Factor, HGF, HSF, Hybridoma Growth Factor, IFN-Beta-2, IL-6, Interferon Beta-2, Interleukin 6, Interleukin HP-1, Interleukin-6, IL6, IFNB2, B cell differentiation factor, B cell stimulatory factor 2, BSF 2, Hepatocyte stimulatory factor, Hybridoma growth factor Interferon beta-2, IL 6, Interferon beta 2, Interleukin 6 (interferon beta 2), Interleukin BSF 2, Interleukin-6, IL-6, B-cell hybridoma growth factor, Interleukin HP-1

**Storage:** Lyophilized protein should be stored at < -20°C, Reconstituted protein solution can be stored at 4-7°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:** C-Fc

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

**Expression Host:** CHO cells

**Bio-Activity:** Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED 50 for this effect is 0.02 ng/mL.

**Calculated MW:** 45 kDa

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

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

**Observed MW:** 45-55 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:** P05231

**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:** CHO cells-derived Human IL-6 protein Val30-Met212, with an C-terminal Fc

**Sequence:** Val30-Met212

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

**Form:** Lyophilized powder