

Recombinant Human Interferon γ /IFNG Protein

RPES0949

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: RPES0949

Purity: > 92 % as determined by reducing SDS-PAGE.

Contents: 100 μ g, 20 μ g
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU per μ g of the protein as determined by the LAL method.

Synonyms: IFN-Gamma, IFNG, Immune Interferon, Interferon Gamma

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: CHO Stable Cells

Bio-Activity: Measured in antiviral assays using WISH cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 0.02-0.2 ng/mL.

Calculated MW: 16.7 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4. 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: 21&25 kDa

Reconstitution: Please refer to the printed manual for detailed information. Measured in antiviral assays using WISH cells infected with vesicular

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

stomatitisvirus (VSV). The ED50 for this effect is 0.02-0.2 ng/mL.

Accession: NP_000610.2

Source: CHO Stable Cells-derived Human Interferon γ /IFNG protein Met 1-Gln 166

Sequence: Met 1-Gln 166

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.