

Recombinant Human IL-18 Protein (His Tag)

RPES8762

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: RPES8762

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: MGC, IL1F, IL-1F, IL18, IGIF, IL-18, IL-1g, IL1F4, GIF, Ibctadekin, IFN-gamma-inducing factor, IL-1 gamma, IL-1F4, Interferon gamma-inducing factor, Interferon-gamma-inducing factor, Interleukin 18, Interleukin-1 gamma, Interleukin-18, MGC12320, IFN gamma inducing factor, IL 1 gamma, IL 18, IL 1g, IL1 gamma, IL18 protein, IL1g, IL1gamma, IL1F4, Interferon gamma inducing factor, Interleukin 1 gamma, Interleukin 18 (interferon-gamma-inducing factor), Interleukin18

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: C-His

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: 17.2 kDa

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

Observed MW: 18 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.

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

Accession: Q14116

Source: E.coli-derived Human IL-18 protein Tyr37-Asp193, with an C-terminal His

Sequence: Tyr37-Asp193

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.