

Recombinant Human Interleukin-18/IL-18 Protein

RPES1650

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: RPES1650

Purity: > 95 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Human

Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Synonyms: MGC, IL1F, IL-1F, IL18, IGIF, IL-18, IL-1g, IL1F4, GIF, Iboctadekin, 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, ILIF4, 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: None

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

Expression Host: E.coli

Bio-Activity: Measure by its ability to induce IFN gamma secretion in KG-1 cells. The ED50 for this effect is <6 ng/mL.

Calculated MW: 18.2 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0. 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.

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

Observed MW: 15 kDa

Reconstitution: Please refer to the printed manual for detailed information.

Accession: Q14116

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 Interleukin-18/IL-18 protein Tyr37-Asp193

Sequence: Tyr37-Asp193

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

Form: Lyophilized powder