

Recombinant Rat IL-4 Protein

RPES6132

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: RPES6132

Purity: > 85% as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Rat

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

Synonyms: Interleukin, B-cell growth factor, B-cell stimulatory factor, Lymphocyte stimulatory factor, BCGF1, B-cell IGG differentiation factor, B-cell stimulatory factor 1, BCGF-1, Binetrakin, BSF1, Interleukin-4, Lymphocyte stimulatory factor 1, Pitrakinra, Il4, BSF-1, Lymphocy, Il 4, B-cell growth factor 1, Il-4, IL4, BCGF-1, BCGF1, BSF-1, BSF1

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: HEK293 Cells

Bio-Activity: Not validated for activity

Calculated MW: 16.5 kDa

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

Observed MW: 17 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: P20096

Source: HEK293 Cells-derived Rat IL-4 protein Met1-Ser147, with an C-terminal His

Sequence: Met1-Ser147

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.