

Recombinant Mouse Interleukin-2/IL-2 Protein (active)

RPES9463

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: RPES9463

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

Contents: 50µg, 20µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Mouse

Endotoxin: ≤0.1 EU per µg by the LAL method.

Synonyms: Interleukin-2, IL-2, T-Cell
Growth Factor, TCGF, Aldesleukin

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: Measured in a cell proliferation assay using HT-2 mouse T cells. The ED50 for this effect is 0.88-3.5 ng/mL, corresponding to a specific activity of 2.86×10⁵-1.14×10⁶ units/mg.

Calculated MW: 18.07 kDa

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Observed MW: 22-25 kDa

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

Accession: P04351

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in

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

Source: HEK293 cells-derived Mouse Interleukin-2/IL-2 protein Ala21-Gln169, with an C- terminal His

Sequence: Ala21-Gln169

Form: Lyophilized powder

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.