

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

RPES9462

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: RPES9462

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

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

Concentration: -

Species: Human

Endotoxin: ≤0.01 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: None

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

Expression Host: HEK293 cells

Bio-Activity: Human IL-2 Protein, Tag Free stimulates proliferation of CTLL-2 cells. The specific activity of Human IL-2 Protein, Tag Free is > 0.60 x 10⁷ IU/mg, which is calibrated against human IL-2 WHO International Standard.

Calculated MW: 15.4 kDa

Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Observed MW: 14-22 kDa

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

Accession: P60568-1

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 Human Interleukin-2/IL-2 protein Ala 21-Thr 153

Sequence: Ala 21-Thr 153

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.