

Recombinant Human Interleukin-2/IL-2 Protein (His Tag)

RPES2167

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: RPES2167

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

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 0.01 EU per µg of the protein as determined by the LAL method.

Synonyms: IL2, IL-2, TCGF, lymphokine, Aldesleukin, IL-2 lymphokine, interleukin-2, Proleukin, interleukin 2, involved in regulation of T-cell clonal expansion, T cell growth factor, T-cell growth factor, IL 2, IL2, Interleukin 2, interleukin2, Involved in regulation of T cell clonal expansion, Lymphokine, POIL2, T Cell Growth Factor,

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 CTLL-2 mouse cytotoxic T cells The specific activity of Recombinant Human IL-2 is $\geq 1 \times 10^7$ IU/mg.

Calculated MW: 16.4 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 10mM Sodium Citrate, 4% Mannitol, pH4.0 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.

Observed MW: 14-18 kDa

Reconstitution: Please refer to the printed manual for detailed information. Measured in a cell proliferation

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

assay using CTLL-2 mouse cytotoxic T cells The specific activity of Recombinant Human IL-2 is $\geq 1 \times 10^7$ IU/mg.

Accession: P60568

Source: HEK293 Cells-derived Human Interleukin-2, IL-2 protein Ala21-Thr153, with an C- terminal His

Sequence: Ala21-Thr153

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.