

# Recombinant Human Interleukin-2/IL-2 (C-6His-Avi) Biotinylated RPES6323

## Description

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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

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**SKU:** RPES6323

**Purity:** > 90 % as determined by reducing SDS-PAGE.

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

**Concentration:** -

**Species:** Human

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** IL2, IL-2, TCGF, lymphokine, Aldesleukin, IL-2lymphokine, 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, TCGF

**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-Avi

**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 ED 50 for this effect is 0.2 ng/ml.

**Calculated MW:** 18.3 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. 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:** 16-18 kDa

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

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

**Accession:** P60568

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

**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.