

Recombinant Human IL-10/Interleukin-10 Protein

RPES1347

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: RPES1347

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: Interleukin, RP11-262N, CSIF, GVHDS, IL-10, IL10A, TGIF, IL10, Cytokine synthesis inhibitory factor, Interleukin-10, MGC126450, MGC126451, RP11-262N9.1

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: Loaded Human IL-10RA-His(RPES1770) on HIS1K Biosensor, can bind Human IL-10 (RPES1347) with an affinity constant of 1 pM as determined in BLI assay.

Calculated MW: 18.6 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 kDa

Reconstitution: Please refer to the printed manual for detailed information. Loaded Human IL-10RA-His(RPES1770) on HIS1K Biosensor, can bind Human

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

IL-10 (RPES1347) with an affinity constant of 1 pM as determined in BLI assay.

Accession: P22301

Source: HEK293 Cells-derived Human IL-10, Interleukin-10 protein Ser19-Asn178

Sequence: Ser19-Asn178

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.