

Recombinant Mouse IL7RA/CD127 Protein (Fc Tag)

RPES0554

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: RPES0554

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

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

Concentration: -

Species: Mouse

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

Synonyms: CD127, IL-7 receptor subunit alpha, IL-7R subunit alpha, IL-7RA, IL-7Ralpha, IL-7R-alpha, Interleukin-7 receptor subunit alpha, IL7r

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-Fc

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

Expression Host: HEK293 Cells

Bio-Activity: Loaded Human IL-7-His on HIS1K Biosensor, can bind Mouse IL-7RA-Fc with an affinity constant of 5.91 nM as determined in BLI assay.

Calculated MW: 52.1 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 10% Sucrose, 3% Glycine, 100mM NaCl, 0.1mM EDTA, 0.05% Tween 80, pH 8.0. 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: 61-75 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: P16872

Source: HEK293 Cells-derived Mouse IL7RA/CD127 protein Glu21-Asp239, with an C-terminal Fc

Sequence: Glu21-Asp239

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.