

Recombinant Human/Cynomolys CD28/TP44 (C-Fc-Avi) Biotinylated RPES6298

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: RPES6298

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

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

Concentration: -

Species: Human, Cynomolys

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

Synonyms: CD28, CD28 antigen, CD28 molecule, T-cell-specific surface glycoprotein CD28, TP44, Tp44

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-Avi

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

Expression Host: HEK293 Cells

Bio-Activity: Loaded Human B7-1-His on HIS1K Biosensor, can bind Biotinylated Human/Cynomolys CD28-Fc-Avi with an affinity constant of 9.09 pM as determined in BLI assay.

Calculated MW: 44.1 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mTris-HCl, 150mM NaCl, 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: 60-90 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: P10747

Source: HEK293 Cells-derived
Human/Cynomolys CD28, TP44 protein
Asn19-Pro152, with an C-terminal Fc & Avi

Sequence: Asn19-Pro152

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.