

Recombinant Human/Cynomolgus CD28/TP44 (N-His)

RPES6192

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: RPES6192

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

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

Concentration: -

Species: Human, Cynomolgus

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: N-His

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

Expression Host: HEK293 Cells

Bio-Activity: Immobilized Human/Cynomolgus CD28-His at 2µg/ml (100 µl/well) can bind Anti- CD28 mAb. The ED50 of Anti-CD28 mAb is 15.3 ng/ml.

Calculated MW: 16.7 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Tris-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: 30-40 kDa

Reconstitution: Please refer to the printed manual for detailed information. Immobilized Human/Cynomolgus CD28-His at 2µg/ml (100 µl/well)

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

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Accession: P10747

Source: HEK293 Cells-derived Human/Cynomolgus CD28, TP44 protein Asn19-Pro152, with an N-terminal His

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.