

Recombinant Human Contactin 2/CNTN2 Protein (His Tag)

RPES4156

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: RPES4156

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

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

Concentration: -

Species: Human

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

Synonyms: AXT, Axonal glycoprotein TAG-1, Axonin-1, CNTN2, Contactin-2, TAG1, TAX1, Transient axonal glycoprotein 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: C-His

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

Expression Host: HEK293 Cells

Bio-Activity: Measured by the ability of the immobilized protein to support the adhesion of C6 Rat brain glial cells. When 5 x 10⁴ cells/well are added to CNTN2-coated plates (0.8 µg/ml and 100 µl/well), approximately 40%-60% will adhere specifically after 60 minutes at 37°C.

Calculated MW: 109 kDa

Formulation: Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5 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: 140 kDa

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

Accession: NP_005067.1

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

Source: HEK293 Cells-derived Human Contactin 2/CNTN2 protein Met 1-Asn 1012, with an C- terminal His

Sequence: Met 1-Asn 1012

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Lyophilized powder