Recombinant Human Contactin 2/CNTN2 Protein

Catalog No.: RP00191

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Sequence Information

Species
Human

Gene ID
6900

Swiss Prot
Q02246

Tags
C-His

Synonyms
AXT, FAME5, TAG-1, TAX, TAX1, CNTN2,FAME5,TAG-1,TAX,TAX1

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
108.31 kDa

Observed MW
135-145 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Contactin-2 (CNTN2), also called TAG-1 (transient axonal glycoprotein), TAX1 (transiently-expressed axonal glycoprotein), or axonin-1, is a 135 kDa glycosyl-phosphatidylinositol (GPI)- anchored cell adhesion molecule that belongs to the contactin subfamily within the immunoglobulin (Ig) protein superfamily .I It may play a role in the formation of axon connections in the developing nervous system. It may also be involved in glial tumorigenesis and may provide a potential target for therapeutic intervention.

Basic Information

Description
Recombinant Human Contactin 2/CNTN2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser31-Asn1012) of human Contactin 2/CNTN2 (Accession #NP_005067.1) fused with an 8×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

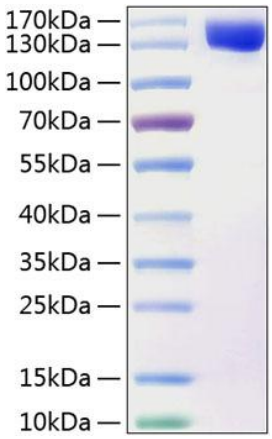
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human Contactin 2/CNTN2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.