

Recombinant Human Contactin 2/CNTN2 Protein

Catalog No.: RP00191 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	6900	Q02246

Tags

C-His

Synonyms

AXT; FAME5; TAG-1; TAX;
TAX1; CNTN2; FAME5; TAG-1; TAX; TAX1

Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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. 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.

Bio-Activity

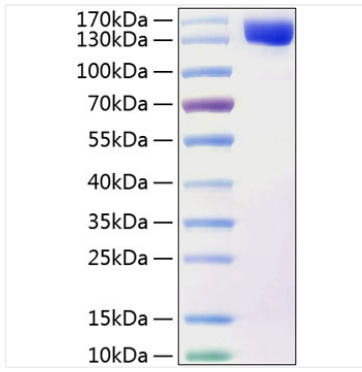
Storage

Store the lyophilized protein at -20°C to -80 °C for long term.

After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Contactin 2/CNTN2
Protein was determined by SDS-PAGE with
Coomassie Blue, showing a band at 135-145
kDa.