Datasheet for ABIN7318334

CNTN2 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	CNTN2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNTN2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Contactin 2/CNTN2 Protein (His Tag)
Sequence:	Ser31-Asn1012
Characteristics:	Recombinant Human Transient axonal glycoprotein 1 is produced by our Mammalian expression system and the target gene encoding Ser31-Asn1012 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CNTN2
Alternative Name:	Contactin 2/CNTN2 (CNTN2 Products)
Background:	Background: Contactin-2 (CNTN2) is encoded by the CNTN2 gene,which belongs to the immunoglobulin superfamily and contactin family. It contains 4 fibronectin type-III domains and

Target Details

	6 Ig-like C2-type domains. It is a glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. CNTN2 may play a role in the formation of axon connections in the developing nervous system. In conjunction with another transmembrane protein, CNTNAP2, contributes to the organization of axonal domains at nodes of Ranvier by maintaining voltage-gated potassium channels at the juxtaparanodal region. It may also be involved in glial tumorigenesis and may provide a potential target for therapeutic intervention. Synonym: Contactin-2, Axonal glycoprotein TAG-1, Axonin-1, Transient axonal glycoprotein 1, CNTN2, AXT, TAG1, TAX1
Molecular Weight:	108.7 kDa
UniProt:	Q02246
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Regulation of Cell Size

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.