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Datasheet for ABIN7519904  
**CNTN2 Protein (His tag)**

### Overview

Quantity:	10 µg
Target:	CNTN2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNTN2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Contactin 2/CNTN2 Protein
Sequence:	SQTTFGPVFE DQPLSVLFPE ESTEEQVLLA CRARASPPAT YRWKMNGTEM KLEPGSRHQL VGGNLVIMNP TKAQDAGVYQ CLASNPGTV VSREAILRFG FLQEFSKEER DPVKAHEGWG VMLPCNPPAH YPGLSYRWLL NEFPNFIPTD GRHFVSQTTG NLYIARTNAS DLGNYSCLAT SHMDFSTKSV FSKFAQLNLA AEDTRLFAPS IKARFPAETY ALVGQQVTL E CFAFGNPVPR IKWRKVDGSL SPQWTTAEPT LQIPSVSFED EGTYECEAEN SKGRDTVQGR IIVQAQPEWL KVISDTEADI GSNLRWGCAA AGKPRPTVRW LRNGEPLASQ NRVEVLGDL RFSKLSLEDS GMYQCVAENK HGTIYASAE AVQALAPDFR LNPVRRLLIPA ARGGEILIPC QPRAAPKAV LWSKGTEILV NSSRVTTPD GTLIIRNISR SDEGKYTCFA ENFMGKANST GILSVRDATK ITLAPSSADI NLGDNLTLQC HASHDPTMDL TFTWTLDDFP IDFDKPGGHY RRTNVKETIG DLTILNAQLR HGGKYTCMAQ TVVDSASKEA TVLVRGPPGP PGGVVVRDIG DTTIQLSWSR GFDNHSPIAK YTLQARTPPA GKWKQVRTNP ANIEGNAETA QVLGLTPWMD YEFRVIASNI LGTGEPSPGPS SKIRTREAAP SVAPSGLSGG GGAPGELIVN WTPMSREYQN GDGFGYLLSF RRQGSTHWQT ARVPGADAQY FVYSNESVRP YTPFEVKIRS YNRRGDGPES LTALVYSAAE EPRVAPTKVW AKGVSSSEM NVTWEPVQQDM NGILLGYEIR YWKAGDKEAA ADRVRTAGLD

## Product Details

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TSARVSGLHP NTKYHVTVRA YNRAGTGPAS PSANATTMKP PRRRPPGNIS WTFSSSSLSI  
KWDPVVPFRN ESAVTGYKML YQNDLHLTPT LHLTGKNWIE IPVPEDIGHA LVQIRTTGPG  
GDGIPAEVHI VRNGGTSMNV EN

Specificity:	Ser31-Asn1012
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

## Target Details

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Target:	CNTN2
Alternative Name:	Contactin 2/CNTN2 ( <a href="#">CNTN2 Products</a> )
Background:	<p>Description: 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.</p> <p>Name: AXT, FAME5, TAG-1, TAX, TAX1,CNTN2,FAME5,TAG-1,TAX,TAX1</p>
Gene ID:	6900
UniProt:	<a href="#">Q02246</a>
Pathways:	<a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Regulation of Cell Size</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
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.

## Handling

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Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	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.