

## Product datasheet for TP320493

### Contactin 1 (CNTN1) (NM\_175038) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human contactin 1 (CNTN1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220493 representing NM_175038 Red=Cloning site Green=Tags(s)

MKMWLLVSHLVIISITCLAVSEEDKGFPIFEEQPINTIYPEESLEGKVS LNCRARASPPFVYKWRMNN  
GDVDLTSDRYSMVGGNLVINNPDKQKDAGIYYCLASNNYGMVRSTEATLSFGYLDPPPEERPEVRVKEG  
KGMVLLCDPPYHFPDDL SYRWLLNEFPVITMDKRRFVSQTNGNLYIANVEASDKGNYS CFVSSPITKS  
VFSKFIPLIPIPERTTKYPADIVVQFKDVYALMGQNV TLECFALGNPVPDIRWRKVLEPMPSTAEISTS  
GAVLKIFNIQLEDEGIYECEAENIRGKDKHQARIYVQAFPEWVEHINDTEVDIGSDLYWPCVATGKPIPT  
IRWLKNGYAYHKGELRLYDVT FENAGMYQCIAENTYGAIYANAELKILALAPTFEMNPMKKKILAAKGGR  
VIIECKPKAAPKPKFSWSKGT EWLNVSSRILIWEDGSLEINNITRNDGGIYTCFAENNRGKANSTGTLVI  
TDPTRILAPINADITVGENATMQCAASFDPALDLTFVWSFNGYVIDFNKENIH YQRNFM LDSNGELLIR  
NAQLKHAGRYTCTAQTIVDNSSASADLVVRGPPGPPGLRIEDIRATSVALTWSRGS DNHSPISKYTIQT  
KTILSDDWKDAKTDPPII EGNMEARAVALDIPWMEYEFVATNTLGRGEPSIPSNRIKTDGAAPNVAPS  
DVGGGGGRNRELITWAPLSREYHYGNNFGYIVAFKPF DGEWKKVTVTNPDTGRYVHKDETMSPSTAFQ  
VKVKAFNNKGDGPYSLVAVINSAQDAPSEAPTEVGK VLSSEISVHWEHVLEKIVESYQIRYWAAHDKE  
EAANRVQVTSQEYSARLENLLPDTQYFIEVGACNSAGCGPPSDMIEAFTKKAPPSQPPRISSVRSGSRY  
IITWDHVVALSNESTVTGYKLYRPDGGQHDGKLYSTHKHSIEVPIPRDGEYWEVRAHSDGGDGVVSQVK  
ISGAPTLSPSLLGLLLPAFGILVYLEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

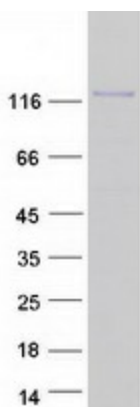
Tag:	C-Myc/DDK
Predicted MW:	109.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_778203</a>
<b>Locus ID:</b>	1272
<b>UniProt ID:</b>	<a href="#">Q12860</a>
<b>RefSeq Size:</b>	3394
<b>Cytogenetics:</b>	12q12
<b>RefSeq ORF:</b>	3021
<b>Synonyms:</b>	F3; GP135; MYPCN
<b>Summary:</b>	The protein encoded by this gene is a member of the immunoglobulin superfamily. It is a glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. It may play a role in the formation of axon connections in the developing nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
<b>Protein Pathways:</b>	Cell adhesion molecules (CAMs)

### Product images:



Coomassie blue staining of purified CNTN1 protein (Cat# TP320493). The protein was produced from HEK293T cells transfected with CNTN1 cDNA clone (Cat# [RC220493]) using MegaTran 2.0 (Cat# [TT210002]).