

Product datasheet for TP521930

Cntnap2 (NM_001004357) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse contactin associated protein-like 2 (Cntnap2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221930 representing NM_001004357 Red =Cloning site Green =Tags(s)
	<p>MVMSLRAGYRAALSLWILSSFICRAWTAPSTFQKCDEPLISGLPHVSFSSSSSLSSSYAPGYAKINKRGG AGGWSPSDSDHYQWLQVDFGNRKQISAIATQGRYSSSDWWTQYRMLYSDTGRNWKPYHQDGNIWAFPGNV NSDSVVRHDLQHAVVARYVRVPLDWNWEGHIGLRAEVYGCAYWADVINFDFGHGVLPRFRNKKMKTLDK VIALKFKTSESEGVLLHGEGQQGDYITLLEKKAKLVLSLNLGSLNQLGPIYGHTSVTSGSLLDDHHWHSVL IERQGRSINLTLDRSMQHFRNTNGEFDYLDLDEYITFGGIPFSGKPSNNRKNFKGCMESINYNGVNITDL ARRKKLEPSNMGNLSFSCVEPYTPVFFNATSYLEVPGRLNQDLFSVSFQFRTWNPSSGLLFSHFADNLG NVEIDLVESKVGVIHINNTQTKTSQIDISSGSLNDGQWHEVRFLAKENFAVLTIDGDEASAVRTNSPLQV KTGEKYFFGGFLNHMNNASYSALQPSFQGCMLIQVDDQLVNLVEVAHRKPGSFANVTIDMCAIIDRCVP NHCEHGGKCSQTWDSFKCTCDETGYSGATCHNSIYEPSCEAYKHLGQTSNYWIDPDGSGPLGPKVYCN MTEDKVTIVSHDLQMOTTVVGYNPEKYSVTQLIYSASMDQISAITSSAEYCEQYVSYFCRMSRLNTPD GSPYTWVWGKANKEHYWGGSEPGIQKACGIERNCTDPKYCCNCADADYKQWRKDGFLSYKDHLVPSVQV VVGDTDRQGSEAKLSVGLRCQGDRNYWNAASFPNPSSYLHFSTFQGETSADISFYFKTLIPRGVFLENL GNTDFIKLELKSATEVSFSFDVGNPVEIVRSPSPLNDDQWHRVTAERNVKQASLQVDRLPQQIRKAPT EGHTRLELYSQLFVGGAGGQQGFLGCIIRSLRMNGVTLDEERAKVTSGFKSGCSGHCTS YGANCENGKGC IEKYHGYSKDCSNTAYDGTFCNKDVGAFEEGMWLRNFQAPAVTARDTGSRAENSADQQHLAPDLAQE QIHFSFSTTKAPCILLYVSSLTTDFLAVLVKPTGNLQIRYNLGGTREPFDIVDHRNMANGQPHSVNITR HERTIILKLDHYPVAGYHLPSSSDTLFNPKSLFLGKVIETGKIDQEIHKYNTPGFTGCLSRVQFNHIAP LKAALRQTNASAHVHIQGELVESNCGASPLTSPMSSATDPWHLHDHDSASADFPYNPGQGQAIRNGVNR NSAIGGVIAVVIFITLCTLVFLIRYMRHKGTYHTNEAKGAESAESAADAAIMNNDPNFTETIDESKKEW LI</p> <p>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	148.7 kDa



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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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001004357
Locus ID:	66797
UniProt ID:	Q9CPW0 , E9QNF7
RefSeq Size:	7002
Cytogenetics:	6 B2.2- B2.3
RefSeq ORF:	3996
Synonyms:	5430425M22Rik; Caspr2; mKIAA0868
Summary:	Required, with CNTNAP1, for radial and longitudinal organization of myelinated axons (PubMed:25378149). Plays a role in the formation of functional distinct domains critical for saltatory conduction of nerve impulses in myelinated nerve fibers. Demarcates the juxtaparanodal region of the axo-glial junction (Probable) (PubMed:25378149).[UniProtKB/Swiss-Prot Function]