

## Product datasheet for TP321472M

### CNTNAP5 (NM\_130773) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human contactin associated protein-like 5 (CNTNAP5), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC221472 representing NM\_130773  
Red=Cloning site Green=Tags(s)

MDSLPRLTSVLTLFSGLWHLGLTATNYNCDDPLASLLSPMAFSSSSDLTGTHSPAQLNWRVGTGGWSPA  
 DSNAQQWLQMDLGNRVEITAVATQGRYGSSDWVTSYSLMFSDTGRNWKQYKQEDSIWTFAGNMNADSVH  
 HKLLHSVRARFVRFVPLEWNPSPGKIGMRVEVYGCSYKSDVADFDGRSSLLYRFNQKLMSTLKDVISLKF  
 SMQGDGVLFHGEQGRGDHITLLELQKGRLLHLNLGDSKARLSSSLPSATLGSLLDDQHWHSVLIERVGKQ  
 VNFTVDKHTQHFRTKGETDALDIDYELSGGIPVPGKPGTFLKKNFHGCIEENLYNGVNIIDLAKRRKHQ  
 IYTGNTVFCSEPPQIVPITFVNSSGSYLLLPQIDGLSVSFQFRTWNKDGLLSTELSEGSGTLLLSL  
 EGGILRLVIQKMTERRVAEILTGSNLNDGLWHSVSINARRNRLTLDDDEAAPPAPDSTWVQIYSGNSYFF  
 GGCPDNLTDSQLNPIKAFQGCMLIFIDNQPKDLISVQQGSLGNFSDLHIDLCSIKDRCLPNYCEHGG  
 CSQSWTTFYCNCSDTSYTGATCHNSIYEQSCEVYRHQGNTAGFFYIDSDGSGPLGLQVVCNITEDKIWT  
 SVQHNTELTRVRGANPEKPYAMALDYGGSMEQLEAVIDGSEHCEQEVAYHCRRSRLNTPDGTPTWWI  
 GRSNERHPYWGSPGVQCECGLDESCLDIQHFCNCADKDEWTNDTGFLSKDHLPTQIVITDTRS  
 NSEAAWRIGPLRCYGDRRFVNAVSYFTEASYLHFPTFHAEFADISFFFKTTALSGVFLENLGIKDFIRL  
 EISSPSEITFAIDVGNPVELVWQSPSLLNDNQWHYVRAERNLKETSQVDNLPRSTRETSEEGRFRLQL  
 NSQLFVGGTSSRQKFLGFCIRSLHLNGQKMDLEERAKVTSGVRPGCPGHCSYGSICHNGGKVEKHNGY  
 LCDCTNSPYEGPFCKKEVSAVFEAGTSVTYMFQEPYPVTKNISLSSSAIYTDAPSKENIALSFVTTQAP  
 SLLLFINSSSQDFVWLLCKNGSLQVRYHLNKEETHVFTIDADNFANRRMHHLKINREGRELTIQMDQQL  
 RLSYNFSPEVEFRVIRSLTLGKVTENGLDSEVAKANAMGFAGCMSSVQYNHIAPLKAALRHATVAPVTV  
 HGTLTESSCGFMVDSVNAVTTVHSSDPFGKTDEREPLTNAVRSDSAVIGGVIAVVFIFCIIGIMTR  
 FLYQHKQSHRTSQMKEKEYPENLDSSFRNEIDLQNTVSECKREYFI

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

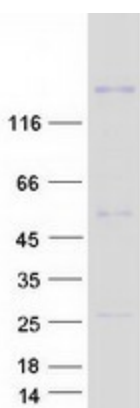
**Tag:** C-Myc/DDK  
**Predicted MW:** 145.4 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<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_570129</a>
<b>Locus ID:</b>	129684
<b>UniProt ID:</b>	<a href="#">Q8WYK1</a>
<b>RefSeq Size:</b>	5284
<b>Cytogenetics:</b>	2q14.3
<b>RefSeq ORF:</b>	3918
<b>Synonyms:</b>	caspr5
<b>Summary:</b>	This gene product belongs to the neurexin family, members of which function in the vertebrate nervous system as cell adhesion molecules and receptors. This protein, like other neurexin proteins, contains epidermal growth factor repeats and laminin G domains. In addition, it includes an F5/8 type C domain, discoidin/neuropilin- and fibrinogen-like domains, and thrombospondin N-terminal-like domains. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Transmembrane

### Product images:



Coomassie blue staining of purified CNTNAP5 protein (Cat# [TP321472]). The protein was produced from HEK293T cells transfected with CNTNAP5 cDNA clone (Cat# [RC221472]) using MegaTran 2.0 (Cat# [TT210002]).