

Product datasheet for TP321472

CNTNAP5 (NM_130773) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human contactin associated protein-like 5 (CNTNAP5), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC221472 representing NM_130773
Red=Cloning site Green=Tags(s)

MDSLPRLTSVLTLFSGLWHLGLTATNYNCDDPLASLLSPMAFSSSSDLTGTHSPAQLNWRVGTGGWSPA
 DSNAQQWLQMDLGNRVEITAVATQGRYGSSDWVTSYSLMFSDTGRNWKQYKQEDSIWTFAGNMNADSVH
 HKLLHSVRARFVRFVPLEWNPSPGKIGMRVEVYGCSYKSDVADFDGRSSLLYRFNQKLMSTLKDVISLKFK
 SMQGDGVLFHGEQGRGDHITLLELQKGRLLHLNLGDSKARLSSSLPSATLGSLLDDQHWHSVLIERVGKQ
 VNFTVDKHTQHFRTKGETDALDIDYELSGGIPVPGKPGTFLKKNFHGCIEENLYNGVNIIDLAKRRKHQ
 IYTGNTVFCSEPIVPIVFNSSGSYLLLPQIDGLSVSFQFRTWNKDGLLSTELSEGSGTLLLSL
 EGGILRLVIQKMTERRVAEILTGSNLNDGLWHSVSINARRNITLTDDEAAPPAPDSTWVQIYSGNSYFF
 GGCPDNLTDSQLNPIKAFQGCMLIFIDNQPKDLISVQQGSLGNFSDLHIDLCSIKDRCLPNYCEHGG
 CSQSWTTFYCNCSDTSYTGATCHNSIYEQSCEVYRHQGNTAGFFYIDSDGSGPLGLQVVCNITEDKIWT
 SVQHNTELTRVRGANPEKPYAMALDYGGSMEQLEAVIDGSEHCEQEVAYHCRRSRLNTPDGTPTWWI
 GRSNERHPYWGSPGQVQCECGLDESCLDIQHFCNCADKDEWTNDTGFLSKDHLPTQIVITDTRS
 NSEAAWRIGPLRCYGDRRFVNAVSYFTEASYLHFPTFHAEFADISFFFKTTALSGVFLENLGIKDFIRL
 EISSPSEITFAIDVGNPVELVWQSPSLLNDNQWHYVRAERNLKETSQVDNLPRSTRETSEEGRFRLQL
 NSQLFVGGTSSRQKFLGICIRSLHLNGQKMDLEERAKVTSGVRPGCPGHCSYGSICHNGGKVEKHNGY
 LCDCTNSPYEGPFCKKEVSAVFEAGTSVTYMFQEPYPVTKNISLSSSAIYTDAPSKENIALSFVTTQAP
 SLLLFINSSSQDFVWLLCKNGSLQVRYHLNKEETHVFTIDADNFANRRMHHLKINREGRELTIQMDQQL
 RLSYNFSPEVEFRVIRSLTLGKVTENGLDSEVAKANAMGFAGCMSSVQYNHIAPLKAALRHATVAPVTV
 HGTLTESSCGFMVDSVNAVTTVHSSDPFGKTDEREPLTNAVRSDSAVIGGVIAVVIIFCIIGIMTR
 FLYQHKQSHRTSQMKEKEYPENLDSSFRNEIDLQNTVSECKREYFI

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

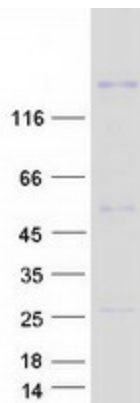
Tag: C-Myc/DDK
Predicted MW: 145.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_570129
Locus ID:	129684
UniProt ID:	Q8WYK1
RefSeq Size:	5284
Cytogenetics:	2q14.3
RefSeq ORF:	3918
Synonyms:	caspr5
Summary:	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]
Protein Families:	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]).