

Product datasheet for PH321472

CNTNAP5 (NM_130773) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CNTNAP5 MS Standard C13 and N15-labeled recombinant protein (NP_570129)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221472
Predicted MW:	145.4 kDa
Protein Sequence:	>RC221472 representing NM_130773 Red=Cloning site Green=Tags(s)

MDSLPRLTSVLTLLFSGLWHLGLTATNYNCDDPLASLLSPMAFSSSSDLTGTHSPAQLNWRVGTGGWSPA
DSNAQQWLQMDLGNRVEITAVATQGRYGSDDWVTSYSLMFSDTGRNWKQYKQEDSIWTFAGNMNADSVVH
HKLLHSVRARFVRFVPLEWNPSTGKIGMRVEVYGCYSKSDVADFDGRSSLLYRFNQKLMSTLKDVISLKF
SMQGDGVLFHGEGQRGDHITLQKGRALHLNLGDSKARLSSSLPSATLGSLLDDQHWHSVLIERVGKQ
VNFTVDKHTQHFRTKGETDALDIDYELSFGGIPVPGKPGTFLKKNFHGCIENLYYNGVNIIDLAKRRKHQ
IYTGNTVTFSCSEPQIVPITFVNSSGSYLLLPSTPQIDGLSVSFQFRTWNKDGLLSTELSESGTLLLSL
EGGILRLVIQKMTERRVAEILTGSNLNDGLWHSVSNARRNRITLTLDEAAPPAPDSTWVQIYSGNSYFF
GGCPDNLTDSQCLNPIKAFQGCMLRIFIDNQPKDLISVQQGSLGNFSDLHIDLCSIKDRCLPNYCEHGG
CSQSWTTFYCNCSDTSYTGATCHNSIYEQSCVYRHHQNTAGFFYIDSDGSGPLGPLQVYCNITEDIWT
SVQHNTLTVRGANPEKPYAMALDYGGSMQLEAVIDGSEHCEQEVAHYCRRSRLNTPDGPFTWWI
GRSNERHPYWGGSPPGVQQCEGLDESCLDIQHFNCNDADKDEWNTDGFSLFKDHLPTVITDTRD
NSEAAWRIGPLRCYDRRFVNAVSFYTEASYLHFPTFHAESADISFFKTTALSGVFLENLGIKDFIRL
EISSPSEITFAIDVGNPVELVVQSPSLNDNQWHYVRAERNLKETSLQVDNLPRSTRETSEEGHFRQL
NSQLFVGGTSSRQKGFGLGIRSLHLNGQKMDLEERAKVTSVVRPGCPGHCSYSGICHNGGKCKVEKHNGY
LCDCTNSPYEGPFCKKEVSAVFEAGTSVTYMFQEPYPTKNISSSAIYTDAPSKEKNIASFVTTQAP
SLLLFINSQQDFVVLLCKNGSLQVRYHLNKEETHVFTIDADNFANRRMHHLKINREGRELTIQMDQQL
RLSYNFSPVEFRVIRSLTLGKVTENLGLDSEVAKANAMGFAGCMSSVQYNHIAPLKAALRHATVAPVT
HGTLESSCGFMVDSVNAVTTVHSSSDPFKTDEREPLTNAVRSDSAVIGGVIIVVIFIIIFCIIGIMTR
FLYQHKQSHRTSQMKEKEYPENLDSSFRNEIDLQNTVSECKREYFI

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

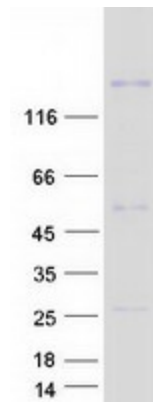
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_570129
RefSeq Size:	5284
RefSeq ORF:	3918
Synonyms:	caspr5
Locus ID:	129684
UniProt ID:	Q8WYK1
Cytogenetics:	2q14.3
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]).