

Recombinant Human CNTNAP5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CNTNAP5-4938H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CNTNAP5 MS Standard C13 and N15-labeled recombinant protein (NP_570129) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	145.4 kDa
AA Sequence	<p>MDSLPRLTSVLTLFSGLWHLGLTATNYNCDDPLASLLSPMAFSSSSDLTGTHSPAQ LNWRVGTGGWSPADSNAQQWLQMDLGNRVEITAVATQGRYGSSDWVTSYSLMFS DTGRNWKQYKQEDSIWTFAGNMNADSVVHHKLLHSVRARFVRFVPLEWNPSPGKIG MRVEVYGCSYKSDVADFDGRSSLLYRFNQKLMSTLKDVISLKFKSMQGDGVLFHGE GQRGDHITLQKGRALHLNLGDSKARLSSSLPSATLGSLDDQHWHSVLIERVGK QVNFTVDKHTQHFRTKGETDALDIDYELSFGGIPVPGKPGTFLKKNFHGCIENTLYYN GVNIIDLAKRRKHQIYTGNTVFSCSEPQIVPITFVNSSGSYLLLPGTQIDGLSVSFQF RTWNKDGLLLSTELSEGSGTLLLSLEGGILRLVIQKMTERVAEILTGSNLNDGLWHSV</p>

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SINARRNRITLTLDDDEAAPPAPDSTWVQIYSGNSYYFGGCPDNLTDSSQCLNPIKAFQ
 GCMRLIFIDNQPKDLISVQQGSLGNFSDLHIDLCSIKDRCLPNYCEHGGSCSQSWTT
 FYCNCSDTSYTGATCHNSIYEQSCVYRHQGNNTAGFFYIDSDGSGPLGPLQVVCNIT
 EDKIWTSVQHNTELTRVRGANPEKPYAMALDYGGSMEQLEAVIDGSEHCEQEVA
 YHCRRSRLLNTPDGTPTWWIGRSNERHPYWGGSPPGVQQCECGLDESCLDIQHF
 CNCADADKDEWTNDTGFLSFKDHLPTQIVITDTRSNSEAAWRIGPLRCYGDRRFW
 NAVSFYTEASYLHFPTFHAEF SADISFFFKTTALSGVFLENLGIKDFIRLEISSPSEITFA
 IDVGNGPVELVVQSPSLLNDNQWHYVRAERNLKETS LQVDNLPRSTRETSEEGHFR
 LQLNSQLFVGGTSSRQKGLGCIRSLHLNGQKMDLEERAKVTSGVRPGCPGHCSS
 YGSICHNGGKCKVEKHNGYLCDCTNSPYEGPFCKKEVSAVFEAGTSVTYMFQEPYP
 VTKNISLSSSAIYTD SAPSKENIALSFVTTQAPSLLLFINSSSQDFVVLLCKNGSLQV
 RYHLNKEETHVFTIDADNFANRRMHHLKINREGRELTIQMDQQLRLSYNFSPEVEFR
 VIRSLTLGKVTENLGLDSEVAKANAMGFAGCMSSVQYNHIAPLKAALRHATVAPVTV
 HGTLESSCGFMVDSVNAVTTVHSSSDPFGKTDEREPLTNAVRS DSAVIGGVIAVV
 IFIIFCIIGIMTRFLYQHKQSHRTSQMKEKEYPENLDSSFRNEIDLQNTVSECKREYFIS
 GPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

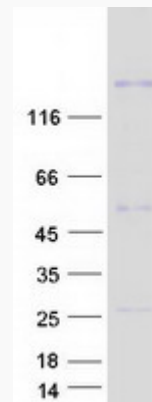
GENE INFORMATION

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Gene Name	CNTNAP5 contactin associated protein family member 5 [Homo sapiens (human)]
Official Symbol	CNTNAP5
Synonyms	CNTNAP5; contactin associated protein family member 5; caspr5; contactin-associated protein-like 5; cell recognition molecule Caspr5; contactin associated protein like 5
Gene ID	129684
mRNA Refseq	NM_130773
Protein Refseq	NP_570129
MIM	610519
UniProt ID	Q8WYK1

SDS-PAGE


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