

Product datasheet for SC114971

CNTN6 (NM_014461) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNTN6 (NM_014461) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNTN6
Synonyms:	NB3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114971 sequence for NM_014461 edited (data generated by NextGen Sequencing)

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ATGAGGTTGCTATGGAACTGGTAATTCTGCTGCCACTCATAAATCTTTCGAGGTGAT
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GGAATTCAATCTTAGAACCTAGCACCCATTTCTTTCCATTGTCATTGTGATTTTTCAC
TGTTTTGCTATTACGCCACTTATCTGA
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Clone variation with respect to NM_014461.2

908 g=>a;2259 g=>a;2727 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014461 unedited

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NGTCAAAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGTTGAAACGAG
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CGCCTCATTATAGGTGGAAGCAAAATGGCACAGACATTGATTTTACTATGAGTTATCACT
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AGACGGGAAACTTGTACATTGCCAAAGTGAACCATCAGATGTGGGCAACTACACTTGCT
TTATACTAACANAGAGGCCCANAAAAGTGTTCAGGTCCACCCACTCCATTANTGCAC
GCACTGTATGTGGTGATGGGGGGGAATATGACCAAGGATTGGAGGGGCGTTTTCTTGAA
ACTATACAG
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014461 unedited <pre> ACGCAATCTAGTGTGCGACTTTTTTTTTTTTTTTTTTTTGCAAACAAGTCTGTATTAAGAAC GCATCTTGTGTGTCAGAGGCTGGAGAGCATATACAGAATGATTTGCTTTCAAAAACTCT CAAAGATTATGGTTTTATTCATCAGATAAGTGGCTGAATAGCAAAACAGTGAAAAATCA CAATGACAATGGAAGAAAATGGGTGCTAAGTTCTAAGAATTGAATTCCTCTGGAACCTCA AACTTGACATTTTTGGAATCCTAATTTCTCACTGCTGCTTCCATCTCCACCATCACTGA CTGTTCTTATTCAATTAAGTAGTCTTCTTCAAATGGAACCAAGCTCAGCTGATGTAT TGTTTGCTTCCAAAATATGAGTTTTACTCTGTCTGTTTTGCCGGTACAGAATCTTGATACC CCAAAACCTTCAGACTCATTTTCCATGGTTTTTACATGCTCCAGTTCAAGCATAATTTAG AGTTTGTGAGCTTCCAGGCAATATTTGCTGGAGGTTGGCTTGGAGGAGACTCTTTGGTGG TAACATTGACTGAGGGGCTTGGAGGCCCTGTCCAGCAGTGTTGTAAGCTCTTACGGAGC AAAGTAGATGGTATTAGCTTTCATCCCGTGATGTTTTGGTTGTGACATTTCCACTGAC TCCTATTTTACCTATCATGGATTCTTTGGAGTCATCTGTCCAGTATAAGACCTCATAGCC CAGCACTCTTCCAGTTGTTCTATTCCAAGACATAAGCATTCCATGGAACCTCCATTTT CAAAGCCAGAAAACCTCTGAGAAGAATCCCCCTTGGGCCACTTGAGTTCATCTTCCCCA AGTAACAATGTCCAGTACTAAGGATTCTTTCCTTATATTACAACCCCTTGCTCAAAG GAAAAGGGGATGTGCTTCATTTTGTAAACAACCGAGATCCCAAGATCTTTTCTCGAACG TTGTGAGCACTGCCGAACATAATTTCAAT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014461
Insert Size:	3800 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_014461.2 , NP_055276.1
RefSeq Size:	3530 bp
RefSeq ORF:	3087 bp
Locus ID:	27255
UniProt ID:	Q9UQ52

Cytogenetics: 3p26.3

Domains: ig, IGc2, IG, FN3

Gene Summary: The protein encoded by this gene is a member of the immunoglobulin superfamily. It is a glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. It may play a role in the formation of axon connections in the developing nervous system. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1, 2, and 4-9 all encode the same isoform (1).