

Product datasheet for **RN205448**

Cntn6 (NM_013225) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cntn6 (NM_013225) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cntn6
Synonyms:	NB-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205448 representing NM_013225 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAGGTTGCTATGGAACTGGTAATTCTGCTGCCACTCATAAACTCTTGTGCAGGTGAGAGTCGTTTTA
CTCGTCTATTTTTATCCAGGAGCCACAGGATGTCATTTTTCCGTTGGATTTATCTAGATCTGAAATTAT
TCTGAGTTGACTGCAAGTGGATACCTTCTCCCCACTACAGGTGGAAACAGAATGGTACAGACATTGAC
TTCAGCATGACTTATCACTATAGTTGGATGGAGGCAGTTGGCCATCAGCAGCCCCAGAACAGATCAAG
ATATTGGCATATACCAAGTGTCTGGCCACCAATCCGGTGGGCACCATTCGAGTAGAAAAGCCAACTACA
GTTTGCATATATTGAAGACTTTGAAACCAATCCAGAAGCACGGTCTCTGTCCGGGAAGGTCAAGGAGTG
GTAATCTCTGTGGCCACCACCAATTTGGAGAATTATCATATGATTGGACCTTCAATGATAACCCCTT
TGATGTTCAAGAGGACAAGCGACGATTGTATCTCAAAACACAGGGAATTTGTACATTGCCAAAGTAGA
ACCGTCTGATGTGGGCAATTATACTTGCTTTGTCACAAACAAAGAGGCCACAGAAGTGCCAAGGACCA
CCTACTCCTTTAGTGCAGCGCACTGATGGTGTCATGGGGAAATATGAGCCAAAGATTGAAGTGCCTTTTC
CTGAAACAATACAAGCTGCAAAGGATTCATCTGTAAACTGGAATGCTTTGCCCTTGAAATCCAGTCCC
TGATATTAGTTGGAGGCGGTTGGATGGAAGCCCGATGCCAGGGAAAGTCAAGTACAGCAACTCCCAAGCT
ACCTTGAAATCCCCAAGTTTCAACAAGAGGATGAAGGCTTCTATGAGTGCCTTGAGGTAACTTCGAG
GAAGAAACCTTGCAAAGGTCACCTCATTCTATGCTCTCCAGAATGGGAACAGAAAATCCAAAATAC
ATACCTTTCTATCTATGACAGCTTGTGTTGGGAATGCAAAGCTAGTGGAACCCAAATCCTTCGTACACG
TGGCTAAAGAATGGTGAACGTCTCAACACAGAAGAGAGAATTCAGACTGAAAATGGGACTTTATCATCA
CCATGCTGAACGTGTCAGACTCTGGGATCTACCAAGTGTGCTGCAGAAAACAAATATCAGACAATTTATGC
AAATGCAGAATTGAGAGTTTTAGCCTCAGCTCCAGATTTCTCAAAAAATCCCATTAATAAATTTTCAGTT
GTTCAAGTTGGTGGTGACATTTCAATCGAATGCAAAACCAACGCTTTCCCAAAGCATCTATTTCTGGA
AAAGAGGAACGGAGAACCTGAAGCAAAGTAAAGAGTTTTTTCTTGAGGATGGTAGCCTTAAGATATG
CAATGTTACCAGATCAGATGCTGGATCTATACTTGCGTAGCCACAAATCAATTTGGCAATGGGAAAAGC



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AGTGGTAGTCTCATCGTAAAAGAGCGAACGGTCATTACAGTACCACCGTCTAAAATGGATGTTACAGTTG
GAGAGAGCATTGTCTTACCCTGCCAGGTGTCTCATGATCCACCATGGAAGTTCTCTTTGTTGGTACTT
CAATGGAGATGTCATAGATTTAAAGAAAGGAGTGGCTCATTTTGAACGAATTGGGGTGAATCTGTTGGG
GATTTGATGATAAGGAATATTCAATTAGGCCATTTCGGGAAAATATCTATGCACAGTACAAACAACACTAG
AACGCTTGTCTGCTGCTGATATCATTGTGAGAGTCTCTGGTCCCCAGAAGATGTAAAAGTGA
GCACATCTCTAGTACCAGTCCCAGTCCAGTGGAGACCTGGTCTGATAATAACAGCCCCATTCAAATT
TTTACCATTGAGTCCGACACCTTCTCTGTGGGCTGGCAAGCTGTTGCCACAGTCCCTGAAATTCTCA
ATGGACAGACATACAATGCAACAGTCATTGGTTTGAGTCCTTGGGTGGAATATGAATTTCTGTTGTTGC
TGGGAACAACATTGGAATTGGAGAGCCAAGCAAACCATCAGAGTTGCTGAGAACCAAAGCATCAATCCCC
AATGTGGCACCAGTAAATATCAATGGAGGTGGTGGGAGCAGATCGGAACCTGTCATTACGTGGGAGCCTA
TTCCAGAAGAACTACAGAATGGAGAGGGTTTGGATATATCATCATGTTCCGGCCAGTGGGCTCAACAAC
CTGGATGAAAGAAAAGGTGGCTCTTGTAGAATCTTCAAAGTTCATCTACAGAAATGAAAGCATCATGCCT
TTGTCTCCCTTTGAAGTCAAAGTGGGAGTGTACAACAATGAAGGCGAAGGTTCCCTGAGTACCGTGTCTA
TTGTCTACTCTGGGAAGATGAACCTCGGCTGGCTCCAAGAGGAACCTTGTCCAGAGTTTTTCTGCTTC
TGACATGGAGTTTCTGGAATGCCATTGCTTGAATAGAAACACTGGAAGAGTGTGGGCTATGAGGTC
TTATACTGGACTGACAACTCCAAAGAATCTATGATTGGGAAAATTAGAGTCAGTGAAATGTCACAACCA
AGAATATTACAGGGCTAAGAGCTAATACGATTTACTTTGCTTCTGTGAGAGCCTACAACACTGCAGGGAC
AGGACCTCAAGTCCACCAGTTAATGTCACCACGAAAAAGTCCCCACCTAGCCAACCAACAGCAACATT
GCCTGGAAGCTGTCAAATTCAAATTATGCCTGAAGTGGGAGCATGTAAAACTATGAAAAATGAGTCTG
AAGTGTGGGCTACAAGATCCTCTATCGGCAGAACCGACAGAGTAAACTCATGTCTTGGAAACAAATAA
TACATCAGCTGAGCTACTGGTTCATTTGAAGAAGACTATTTGATCGAAATCAGAACAGTCAGTGATGGT
GGAGACGGAAGCAGTAGTGAGGAAATCAGAATTCAAAAATGTCAAGTTTGAGTTCCGTGGGAGTTCAGA
TCTTGAAGCCAGTACCCAGTTCTGACAATGGTTGGATTTTTTACTGTTTTGTTATTACGCCACTTTC
ACGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_013225

Insert Size:

3087 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.

RefSeq:

NM_013225.1, NP_037357.1

RefSeq Size:

3413 bp

RefSeq ORF:	3087 bp
Locus ID:	27256
UniProt ID:	<u>P97528</u>
Cytogenetics:	4q41
Gene Summary:	glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule; may play a role in axonogenesis [RGD, Feb 2006]