

Product datasheet for RN213892

Cntn1 (NM_057118) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cntn1 (NM_057118) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cntn1
Synonyms:	F3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213892 representing NM_057118 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAACCCATTGCTGGTCAGTCATCTCCTGCTAATCTCCTTAACATCCTGTCTAGGAGAGTTTACAT
GGCACAGAAGATATGGTCATGGAGTTTCTGAGGAGGATAAAGGATTTGGACCCATTTTGAAGAGCAACC
AATCAATACCATTTACCCAGAAGAGTCACTGGAAGGCAAAGTGTCTGCTCAACTGCCGGGCACGGGAAGC
CCATTTCCGGTTACAAGTGGAGAATGAATAACGGGGACGTTGACCTGACGAACGATCGATACAGCATGG
TCGGAGGGAACCTTGTATCAATAACCCTGACAAACAGAAAGACGAGGAATATACTACTGCTTGGCGTC
CAACAACCTACGGGATGGTCAGAAGCACCGAGGCCACCCTGAGCTTTGGGTATCTTGACCCCTTCTCCT
GAGGATCGTCCTGAAGTGAAGGTGAAGGAAGGGGAAGGGCATGGTCTTCTGCGACCCCTCCCTACCACT
TCCCAGACGATCTTAGCTACCGCTGGCTTCTGAATGAATTTCCCGTCTTTATCACAATGGATAAGCGAAG
ATTCGTGTCTCAGACCAACGGTAATCTCTACATCGCGAACGTTGAGTCTTCTGATAGAGGCAACTATTCC
TGCTTCGTGTCCAGCCCTTCTATTACAAAGAGCGTGTTCAGCAAATTTATACCCCTCATTCCGATACCTG
AGCGAACAACGAAGCCATATCCTGCTGACATTGTAGTGCAGTTCAAGGACATATACACCATGATGGGCCA
AAATGTGACCTTAGAGTGCTTCGCTCTTGAAACCCTGTTCTGATATTCGGTGGCGGAAGGTGCTAGAA
CCCATGCCTACCACAGCTGAGATCAGCACCTCAGGGGCTGCTCAAGATCTTCAACATCCAGCTAGAAG
ATGAAGGCTCTACGAGTGCAGGCTGAGAACATTAGGGGAAAGGACAAGCACCCAGGCAAGAATTTATGT
TCAAGCATTTCCTGAATGGGTAGAGCATATCAATGACACTGAAGTGGACATAGGCAGTGACCTCTACTGG
CCTTGTGTGGCCACAGGGAAGCCATCCCTACCATCAGGTGGCTGAAAAATGGGTACGCGTATCACAAAG
GGGAACTGAGGCTGTATGACGTGACTTTTAAAAACGCCGGGATGTACCAGTGCATAGCAGAAAACGCGTA
TGGGACCATTTATGCAAATGCTGAACTCAAGATCCTGGCTTTAGCTCCAATTTTGAATGAATCCCATG
AAGAAGAAGATCCTGGCTGCGAAAGGAGGAAGGGTTATCATTGAGTGCAAACCAAGGCTGCACCAAAAC
CCAAGTTTTATGGAGCAAAGGACAGAGTGGCTTGTCAACAGCAGCAGAATACTCATATGGGAAGATGG
TAGCTTGAAATCAATAATTACAAGAAATGATGGAGGAATCTATACATGCTTTCAGAAAACAACAGA



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GGGAAAGCTAATAGCACCGGACTCTGGTGATCACAATCCCACACGAATCATTTGGCCCAATCAATG
 CTGATATCACTGTTGGAGAAAACGCTACCATGCAGTGTGCTGCCTCCTTTGATCCTTCTTTGGATCTCAC
 GTTCGTCTGGTCTTTCAATGGCTACGTGATTGACTTTAACAAGGAAATTACAAATATTCATTACCAGAGG
 AATTTTATGCTCGACGCCAATGGGGAAGTCTCATCCGAAACGCGCAGCTGAAACACGCAGGACGGTACA
 CGTGCACAGCGCAGACAAATCGTGGACAATCTTCAGCTTCAGCTGACCTTGTCTGACGAGGCCCCAGG
 CCCTCCAGGTGGCCTGAGAATAGAAGACATCAGAGTACCTCTGTGGCACTGACTTGGAGCCGTGGTTCA
 GACAATCACAGCCCTATCTCTAAATACACTATCCAGACCAAGACGATTCTCTCAGATGACTGAAAGACG
 CAAAGACGGATCCCCAATCATTGAAGGAAACATGGAGTCAGCAAAAGCAGTCGATTTGATCCCATGGAT
 GGAGTACGAATTCGAGTGGTAGCAACCAATACTTTGGGACTGGAGAGCCAGCATACCTCAAACAGG
 ATCAAACCGATGGCGCTGCACCAATGTGGCTCCCTCAGACGTAGGTGGTGGGGCGGAACCAACAGAG
 AGCTGACAATAACGTGGGCGCCTTTGTCCAGAGAATACCATTATGGTAACAATTTGGTTACATAGTGGC
 ATCAAGCCATTCGATGGAGAAGAGTGGAAAGAAAGTACCCTTACCAATCCGGATACTGGCCGCTACGTC
 CACAAGGACGAAACCATGACCCCTTCCACCGCTTTCAAGTCAAAGTGAAGGCATTCAACAATAAAGGAG
 ACGGGCCCTACAGCCTCATAGCTGTCACTCAACTCAGCACAAGACGCTCCAGTGAAGCCCCACAGAAGT
 AGGGGTCAAAGTCTATCGTCTCTGAGATCTCTGTCCATTGGAAGCACGTTCTAGAGAAGATTGTGAA
 AGCTATCAAATTCGGTACTGGGCGGTACGACAAAGAAGCAGCGGCGCAGAGTTCAAGTACCAGCC
 AGGAGTACTCAGCCAGGCTGGAGAACCTTCTGCCGGACTCAGTACTTCATAGAGGTGGGAGCCTGTAA
 CAGCGCGGGTGCAGCCTTCCAGCGACGTGATCGAGACCTTACCAGAAAAGCCCTCCAGCCAAACCA
 CCAAGGATCATCAGTTCGGTGGGTCTGGCTCCCGATACATAATCACGTGGGATCATGTCGTGGCACTAT
 CCAATGAATCTACAGTGACAGGCTACAAGATACTCTATAGACCTGACGGCCAACATGACGGTAAGCTGTT
 CTCCACGCACAAGCACTCCATAGAAGTCCCATCCCCAGAGACGGAGGTACGTAGTCGAAGTTCGAGCA
 CACAGTGTGGAGGAGATGGGGTAGTGTCCCAAGTCAAATTTAGGTGTGTCCACGCTGTATCGGGTC
 TCCTCAGCTTGCTCCTGCCCTCCCTTGGCTTTCTGTCTTCTATTCCGAATTC**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_057118

Insert Size:

3066 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_057118.2](#), [NP_476459.1](#)
RefSeq Size:

3210 bp

RefSeq ORF:

3066 bp

Locus ID: 117258
UniProt ID: [Q63198](#)
Cytogenetics: 7q35
Gene Summary: neural adhesion molecule [RGD, Feb 2006]