

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
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213892 representing NM_057118 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAACCCATTGCTGGTCAGTCATCTCCTGCTAATCTCCTTAACATCCTGTCTAGGAGAGTTTACAT
GGCACAGAAGATATGGTCATGGAGTTTCTGAGGAGGATAAAGGATTTGGACCCATTTTGAAGAGCAACC
AATCAATACCATTACCAGAAGAGTCACTGGAAGGCAAAGTGTGCTCAACTGCCGGGCACGGGAAGC
CCATTTCCGGTTTACAAGTGGAGAATGAATAACGGGGAGCTTGACCTGACGAACGATCGATACAGCATGG
TCGGAGGGAACCTTGTATCAATAACCCCTGACAAACAGAAAGACGCAGGAATATACTACTGCTTGGCGTC
CAACAACACTACGGGATGGTCAGAAGCACCGAGGCCACCCTGAGCTTTGGGTATCTTGACCCCTTCTCCTCT
GAGGATCGTCCTGAAGTGAAGGTGAAGGAAGGGAAGGGCATGGTGCTTCTGCGACCCTCCCTACCACT
TCCCAGACGATCTTAGCTACCGCTGGCTTCTGAATGAATTTCCCGTCTTTATCACAATGGATAAGCGAAG
ATTCGTGTCTCAGACCAACGGTAATCTCTACATCGCGAACGTTGAGTCTTCTGATAGAGGCAACTATTCC
TGCTTCGTGTCCAGCCCTTCTATTACAAAGAGCGTGTTCAGCAAATTTATACCCCTCATCCGATACCTG
AGCGAACAACGAAGCCATATCCTGCTGACATTGTAGTGCAGTTCAAGGACATATACACCATGATGGGCCA
AAATGTGACCTTAGAGTGCTTCGCTCTTGAAACCCCTGTTCTGATATTCGGTGGCGGAAGGTGCTAGAA
CCCATGCCTACCACAGCTGAGATCAGCACCTCAGGGGCTGTCCCTCAAGATCTTCAACATCCAGCTAGAAG
ATGAAGGGCTCTACGAGTGCGAGGCTGAGAACATTAGGGGAAAGGACAAGCACCAAGGCAAGAATTTATGT
TCAAGCATTTCTGAATGGGTAGAGCATATCAATGACACTGAAGTGGACATAGGCAGTGACCTCTACTGG
CCTTGTGTGGCCACAGGGAAGCCATCCCTACCATCAGGTGGCTGAAAAATGGGTACGCGTATCACAAG
GGGAACAGGCTGTATGACGTGACTTTTAAAAACGCCGGATGTACCAGTGCATAGCAGAAAACCGGTA
TGGGACATTTATGCAAATGCTGAACTCAAGATCCTGGCTTTAGCTCCAATTTTAAAAATGAATCCCATG
AAGAAGAAGATCCTGGCTGCGAAAGGAGGAAGGTTATCATTGAGTGCAAACCAAGGCTGCACAAAAC
CCAAGTTTTCATGGAGCAAAGGACAGAGTGGCTTGTCAACAGCAGCAGAATACTCATATGGGAAGATGG
TAGCTTGGAAATCAATAATATTACAAGAAATGATGGAGGAATCTATACATGCTTTGCAGAAAACAACAGA
GGGAAAGCTAATAGCACCGGACTCTGGTGATCACAAATCCCACACGAATCATTTTGGCCCAATCAATG



[View online »](#)

CTGATATCACTGTTGGAGAAAACGCTACCATGCAGTGTGCTGCCTCCTTTGATCCTTCCTTGATCTCAC
GTTTCGTCGGTCTTTCAATGGCTACGTGATTGACTTTAAACAAGGAAATTACAAATATTCATTACCAGAGG
AATTTTATGCTCGACGCCAATGGGGAAGTGTCTATCCGAAACGCGCAGCTGAAACACGCAGGACGGTACA
CGTGCACAGCGCAGACAATCGTGGACAATTCTTCAGCTTCAGCTGACCTTGTTCGACGAGGCCCCAGG
CCCTCCAGGTGGCCTGAGAATAGAAGACATCAGAGCTACCTCTGTGGCACTGACTGGAGCCGTGGTTCA
GACAATCACAGCCCTATCTCTAAATACACTATCCAGACCAAGACGATTCTCTCAGATGACTGGAAGACG
CAAAGACGGATCCCCAATCATTGAAGGAAACATGGAGTCAGCAAAAGCAGTCGATTTGATCCCATGGAT
GGAGTACGAATTCGAGTGGTAGCAACCAATACTTTGGGACTGGAGAGCCAGCATACCCTCAAACAGG
ATCAAAACCGATGGCGCTGCACCAAATGTGGCTCCCTCAGACGTAGGTGGTGGGGCGGAACCAACAGAG
AGCTGACAATAACGTGGGCGCCTTTGTCCAGAGAATACCATTATGGTAACAATTTGGTTACATAGTGGC
ATTCAGCCATTCGATGGAGAAGAGTGGAAAGAAAGTGACCGTTACCAATCCGGATACTGGCCGCTACGTC
CACAAGGACGAAACCATGACCCCTCCACCGCTTTCAAGTCAAAGTGAAGGCATTCAACAATAAAGGAG
ACGGGCCCTACAGCCTCATAGCTGTCACTCACTCAGCACAAGACGCTCCAGTGAAGCCCCACAGAAGT
AGGGGTCAAAGTCTATCGTCTCTGAGATCTGTCCATTGGAAGCACGTTCTAGAGAAGATTGTGGAA
AGCTATCAAATTCGGTACTGGGCGGTACGACAAAGAAGCAGCGCGCACAGAGTTCAAGTACCAGCC
AGGAGTACTCAGCCAGGCTGGAGAACCTTCTGCCGGACTCAGTACTTCATAGAGGTGGGAGCCTGTAA
CAGCGCGGGTGCAGACCTCCAGCGACGTGATCGAGACCTTACCAGAAAAGCCCTCCAGCCAAACCA
CCAAGGATCATCAGTTCGGTGGGTCTGGCTCCCGATACATAATCACGTGGGATCATGTCGTGGCACTAT
CCAATGAATCTACAGTGACAGGCTACAAGATACTCTATAGACCTGACGGCCAACATGACGGTAAGCTGTT
CTCCACGCACAAGCACTCCATAGAAGTCCCCATCCCCAGAGACGGAGAGTACGTAGTCAAGTTCGAGCA
CACAGTGTGGAGGAGATGGGGTAGTGTCCCAAGTCAAATTTTCAGGTGTGTCCACGCTGCATCGGGTC
TCCTCAGCTTGCTCCTGCCCTCCCTTGCTTTCTGTCTTCTATTTCGGAATTC

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

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]