

Product datasheet for RN214075

Cntn3 (NM_019329) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cntn3 (NM_019329) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cntn3
Synonyms:	BIG-1; Pang
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214075 representing NM_019329 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGTTGTCATGGAACAGTTGATCCTGCTTTCATTTCATTGGCTGCCTGGCAGGTGAGCTTCTTTTGC
AAGGCCCCGTGTTTGTCAAAGAGCCCAGCAACAGTATTTTCCCTGTTGGCTCGGAGGATAAAAAATAAC
ATTAATTTGTGAAGCAAGAGGCCAACCTTCTCCTCATTACAGGTGGCAGCTGAATGGCAGTGACATTGAT
ACAAGTCTGGACCATCGTTACAACTGAACGGAGGAAATCTCATAGTTATTAACCCTAACAGAAATGGG
ATACTGGAAGTTACCAGTGTGTTTGAACAAATTCTCTTGAACAATAGTCAGCAGAGAAGCTAACTCCA
ATTTGCCTATCTTGAAAATTTAAGAGCAGAATGAGAAGCAGAGTGTAGTTTCGTGAAGGCCAGGGAGTG
GTACTTCTCTGTGGACCCCACTCCGGGAACTTTCATATGCTTGGGTCTCAATGAGTATCCAT
CATTTCGTTGAAGAAGACAGTCAAGATTGCTCTCAAGAGACAGGACACCTCTACATAGCTAAAGTGGA
GCCATCTGATGTGGGAAATTACACATGCGTGGTGACCAGCACTGTGACAAATGCCAGAGTATTGGGCTCC
CCAACCCCTTTGGTGCTACGCTCTGATGGTGTGATGGGTGAATATGAACCTAAAAAGAACTCCAGTTTC
CAGAACTCTCCAGCAGCTAAAGGTTCAACTGTGAAGTTGGAATGCTTCGCCCTAGGGAACCCCTGTTCC
TCAGATTAATTTGAGAAGAAGTGTGGGATGCCGTTTCCACAAAATTAAGCTGAGGAAGTTCAATGGT
GTGCTCGAAATTCAACTTCCAACAGGAAGATACAGGCTCCTATGAGTGCATTGCTGAAAATTCACGAG
GAAAGAATGTGGCGAGAGGACGGCTCACTTACTATGCAAAACCTTATTGGGTTCAACTCTTAAAGATGT
GGAACCTGCTGTGGAGGACAGTCTTTATTGGGAATGCCGGCAAGTGGGAAGCCTAAACCCCTCTATCGA
TGGCTGAAAAATGGAGATGCCTTAGTACTAGAGGAGAGAATACAGATAGAAAATGGTGCCCTTACAATAG
CCAACCTCAATGTGAGTGACTCTGGAATGTTCCAGTGTATAGCAGAGAACAAGCATGGCCTCATCTACTC
CAGTGCTGAGCTCAAAGTATTAGCTTCTGCTCCAGATTTTCAAGGAACCCCTATGAAAAAATGATTGAG
GTGCAGGTGGCAGCCTGGTGTCTTGGATTGTAACCCAGCGCCTCTCAAGGGCACTTCTTTCTGGA
AGAAGGGAGACAGGTGGTGCAGGAGCAGGCAAGGATTTCTTTTAAATGATGGAGGACTCAAATTTAT
GAACGTGACCAAGGCTGATGCTGGAATCTACACCTGCATAGCAGAAAACAGTTTGGCAAAGCGAATGGC



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ACCACCCAGTTGGTTGTGACAGAACCAACAAGAATAATTTTGGCACCTTCTAACATGGATGTTGCCGTTG
 GTGAGAGCATCATTTTACCTTGCCAGGTTCAACATGACCCCTATTAGACATAATGTTTGCCTGGTATTT
 CAATGGAACCTTACAGACTTTAAGAAAGATGGATCGCACTTTGAGAAAGTTGGTGGGAGTTCGTGAGG
 GATTTAATGATCAGAAACATTCAACTGAAACACAGTGGAAAGTATGTATGTATGGTGCAGACAGGGGTG
 ACAGCGTTTCATCTGCAGCTGAGCTCATAGTGAGAGGTTACCTGGACCACCGGAAAACGTGAAAGTAGA
 TGAATTCAGACACAACAGCCAGCTCTCTTGGACGGAAGGCACCGACAGTACAGCCAGTTATATCG
 TATGCAGTCCAGGCTAGGACACCTTTCTCTGTGGCTGGCAAAATGTCAGAACAGTACCTGAGGCCATTG
 ATGGAAAAACACGAACAGCTACTGTTGTGGAGTTAAACCCATGGGTGGAATATGAATTTCCGCTTGTAGC
 CAGTAACAAAATCGGAGGCGGAGAACCCAGTTTACCCTCAGAAAAAGTAAGGACTGAAGAGGCAGCTCCA
 GAAGTCGCACCTTCTGAGGTGAGCGGAGGAGGTGGAAGCCGATCTGAGCTAGTGATAACCTGGGATCCAG
 TCCCTGAAGAATCCAGAATGGAGGAGGTTTTGGGTATGTGGTTGCTTTTCGCCACTTGGGGTTACCAC
 CTGGATCCAGACAGTGGTACATCCCCAGATAATCCAAGATACGTCTTTAGGAATGAAAGCATCGTGCT
 TTTTCGCCATATGAAGTTAAAGTGGCGTTTACAATAACAAGGTGAAGGACCCTTAGCCAGTCACAA
 CTGTGTTCTCCGAGAGGAAGAGCCTACAGTCGCCCATCTCACATCTCTGCACATAGTCTGTCTCCTC
 AGAAATGAAGTTTCATGGAACACAATTCCTGGAAGTCGAGCAATGGACGTTTACTTGGCTATGAGGTG
 CGGTACTGGAACAATGGAGGAGAAGAATCATCCAGCAAAGTGAAGTGGCAGGAAATCAGACATCAG
 CTGTGCTCCGAGGCTGAAAAGCAACCTGGCATATTACACAGCCGTCGGGCTTACAACACCGCAGGCGC
 TGGTCCCTTCACTGCCACAGTTAACGCGACCACCAAGAAAACCCCTCCAGTCAGCCACCAGGAAATGTT
 GTTTGGAATGCTACAGACACTAAAGTGCTGCTTAACTGGGAACAAGTGAAGCCCTGGAGAATGAATCAG
 AAGTAACAGGCTACAAGTTTTCTATAGGACTAGCAGTCAAAATAATGTGCAAGTACTGAACACAAAACA
 AACTTCAGCTGAAGTGTGCTGCCTATCAAGGAAGACTACATCATTGAAGTCAAGGCCACCACAGATGGA
 GGGACGGCACCAGTGTGAGCAGATCAGGATTCCAAGAATAACCAGTATGGATGCAAGAGGATCCACTT
 CAGCCATTTCTGACATCCACCCTGTGTGAGTTACATATCCGCTACTGTTCTTTATTGTAATGCTTT
 GTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_019329

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_019329.2, NP_062202.1

RefSeq Size:

4126 bp

RefSeq ORF: 3087 bp

Locus ID: 54279

UniProt ID: [Q62682](#)

Cytogenetics: 4q34-q41

Gene Summary: neural adhesion molecule; may be involved in maintaining neural networks in the brain [RGD, Feb 2006]