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Product datasheet for RN215226

Cntn5 (NM_053746) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cntn5 (NM_053746) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cntn5
Synonyms:	Nb-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>RN215226 representing NM_053746
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTTCCTCTTGGAGACTAATCCTGTTCCTGTCTTTCACAAGTTGTCTTTCAGAATACTCTGAAGCTC
TCTCTGGCCTTTCTACTTCATATGCTGCTTTGCTAAGAATTAAGAAGAGTTCAACCTCATCTGCCTTCGG
TTCCAAGTCCAGACCACGATACAGCAGTCCTTCATTAGGCACCCTCAGTGTTTCTCCACCGAGCTGGCGA
GGGGCAGCTCAGCAGTACCACTCCCCGGTTAACCTTTACCACTCCCCAGATGCCTTCAGACAGGATGAAA
GTGTGGATTATGGGCCAGTATTTGTGCAAGAGCCTGATGATATTATTTTTCCAACTGATTCTGATGAAAA
GAAGGTAGCCCTGAATTGTGAAGTTCGTGGCAACCCATCTCCTACTTACAGATGGCTTCGGAATGGAACA
GAAATTGATCTTGAGAGTGACTACCGCTACAGTATGATAGACGGCACCTTCATCATCAACAATCCAAGTG
AAAGCAGGGATTCAGGGCTCTACCAGTGTTTAGCCACCAACACGTTTGGAAGTATTCTCAGTCGAGAAGC
CACACTTCAGTTTGCTTATCTGGGGAATTTTAGTGGCCGGACAAGAAGTGCAGTCTCAGTGCGGGAAGGC
CAGGGGGTTGTTCTGATGTGCTCTCCACCGCCTCATTCTCCAGAGATCATCTATAGCTGGGTCTTCAATG
AGTTCCCTTCCTTCGTGGCAGAGGACAGCCGGCGGTTCATATCCCAAGAGACAGGCAACCTCTATATTTC
TAAAGTGCAAACATCAGATGTTGGCAGCTACATTTGTCTGGTGAAAAATGCTGTAACGAATGCTCGCGTG
CTCAGCCCTCCAACCCCGCTCACGCTTCGAAATGATGGTGTAATGGGAGAATACGAGCCAAAAATTGAGG
TCCATTTTCCCACCACGGTCACAGCTGCTAAGGGAACGACTGTGAAGATGGAATGCTTTGCACTTGGCAA
CCCTGTTCCAACGATCACTTGGATGAAGGTTAACGGTTACATTCCCAGTAAGTCCAGACTGCGAAAATCC
CAGGCGGTCCTGGAGATCCCCAACCTGCAGCTGGATGACGCCGGAATATATGAATGCACAGCTGAAAACT
CCCGAGGGAAAAACTCCTTTCGTGGACAGCTCCAAATATACACGTACCCACACTGGGTACAGAAACTGAA
TGACACCCAGCTGGACAGTGGGAGTCCTCTGCAGTGGGAATGCAAGGCTACCGGAAAGCCCAGGCCCACA
TACCGCTGGCTGAAGAATGGAGCACCCCTCCTGCCACAGAGCAGAGTGGACACAGCTAATGGAGTATTGG
CGATCCATAGTGTAAATCAATCAGATGCTGGGATGTATCAGTGTTTGGCTGAGAATAAATATGGAGCTAT
TTATGCGAGCGCCGAGCTGAAGATTTTAGCCTCACCACCCTCTTTTGAACTGAATCAAGTGAAGAAATCA

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ATAATTGTCACGAAAGACCGGGAAGTGCTCATAGAATGCAAACCCCAGGGCTCTCCAAAGCCAGCCATCT
CCTGGAGGAAGGGAGACAAGGCAGTGAGGGGGAACAAGAGAATAGCTATTCTTCCAGACGGAAGCCTGCG
GATCCTCAATGCTTCTAAAGCGGATGAGGGGAAGTACATTTGCCAAGGGGTGAACATCTTCGGTTCCGCG
GAGATCATAGCTTCTGTGTCTGTCAAAGAACCCACAAGGATAGAGCTTACTCCTAAAAGAACAGAGTTAA
CTGTTGGAGAGAGCATTGTCCTTAACTGCAAAGCCATGCACGACTCCAGTTTGGATGTCACTTTCTACTG
GACACTAAAAGGACAACCTATTGATTTTGAGAAAGAAGGCGGACATTTTGAAAGCATCAGGGCTCAAGCA
TCCTCTGCAGATTTAATGATCAGGAACATCCTTCTGATGCATGCTGGGAGATATGGCTGCAGGGTACAGA
CCACAGCAGACAGTGTGTCAGATGAGGCAGAACTTCTTGTTAGGGGTCCCCCAGGGCCACCTGGAGTGGT
CATAGTGGAGGAGATCACAGAAAGCACAGCCACTCTCTCATGGAGTCCAGCAACTGACAACCACAGCCCC
ATCTCTTCCTACAACCTTCAGGCTCGCAGCCCCTTCTCCCTGGGCTGGCAAACAGTGAAGACAGTCCCTG
AAGTCATCACAGGAGACATGGAGTCAGCGATGGCTGTGGACCTAAACCCCTGGGTAGAATATGAATTCCG
AGTGGTGGCCACCAATCCAATTGGGACAGGAGATCCAAGCATTCCATCTCGAATGATCCGCACAAACGAG
GCAGTTCCTAAGACGGCACCCAGCAACGTGAGTGGAGGAAGTGGAAGAAGGCACGAGTTGGTCATTGCCT
GGGAGCCAGTATCAGAAGAGTTTCAGAATGGGGAAGGCTTCGGCTACATAGTGGCATTCAGACCGAATGG
AACACGTGGCTGGAAGGAGAAAATGGTTACTTCTTCGGATGCTTCCAAGTTCATTTACCGAGACGAAAGT
GTCCCTCCTCTCACACCCTTTGAAGTCAAAGTTGGTGTCTATAATAATAAAGGTGATGGGCCTTTCAGCC
AGATTGTAGTCATCTGCTCGGCTGAGGGAGAACCCACTGCTGCTCCCACTGATGTCACAGCGACCAGTGT
GTCGGTGTCAGAGATTTTTGTTGTATGGAAACATGTTAAAGAGAGTCTCGGAAGACCACAGGGGTTTGAG
ATTGGTTACTGGAAAGATACCGAGCCAGAAGACTCTGCAGAAACAGTCAGAACCAGAGGGAATGAGTCAT
TCGTCATGTTGACGGGATTGGAAGGCGACACACTCTATCACCTCACAGTCAGGGCTTACAATGGAGCCGG
GTATGGGCCACCCAGCAGGGAAGTGAGCGCCACCACCAAGAGGCACCCCCCTAGCGAACCACCTGGCAAC
CTCCGTTGGGAACAGCAGGGTTCCCAGGTTTCCCTAGGCTGGGAGCCTGTCAGACCTCTAGCCAACGAGT
CTGAAGTCATGGGTTACAAGGTTTTTTATAGGCAAGAGGGTCACAGCAAAGGTCAAGTTATTGAGACACA
GAAACCTCAGGCTGTTGTGCCTCTCCCTGAGGCTGGAGTCTACATTATTGAAGTTCGAGCGTACAGTGAA
GGAGGAGATGGAACAGCGAGCTCCCAAATCAGGGTACCTTCATATGCAGGTGGGAAAATCACAAGCGCTC
AGTCCACCCTGCACTCTCTCTCCAAGTGGTCCTCAGTAACACTGCTCTTGGCTTTGATGCTTCCTTCCAG
TTCCTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053746

Insert Size: 3300 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_053746.1, NP_446198.1
RefSeq Size:	3341 bp
RefSeq ORF:	3300 bp
Locus ID:	114589
UniProt ID:	P97527
Cytogenetics:	8q11
Gene Summary:	neural adhesion molecule [RGD, Feb 2006]