

Product datasheet for **RN200930**

Ctnnb1 (NM_053357) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctnnb1 (NM_053357) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctnnb1
Synonyms:	Catnb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200930 representing NM_053357
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTACTCAAGCTGACCTCATGGAGTTGGACATGGCCATGGAGCCAGACAGAAAGGCCGCTGTACGCC
 ACTGGCAGCAGCAATCTTACCTGGATTCTGGAATCCACTCTGGTGCCACCACCACAGCTCCTTCCCTGAG
 TGGCAAGGGCAATCCTGAGGAAGAAGATGTGGACACCTCCCAAGTCCTTTATGAGTGGGAGCAAGGCTTT
 TCCAGTCCTTACGCAAGAGCAAGTAGCTGACATTGACGGTCAGTACGCCATGACTCGGGCTCAGAGGG
 TCCGAGCTGCCATGTTCCCTGAGACACTAGATGAGGGCATGCAGATCCCATCCACGCAGTTTGATGCCGC
 TCATCCCCTAATGTCCAGCGCTTGGCTGAACCGTCACAGATGCTGAAACATGCAGTTGTCAATTTGATT
 AACTATCAGGATGACGCGGAACCTGCCACCCGTGCAATTCCTGAGCTGACCAAATGCTAAATGACGAGG
 ACCAGGTGGTCGTTAATAAAGCTGCTGTTATGGTTCACCAGCTTCCAAAAAGGAAGCTTCCAGACACGC
 CATCATGCGCTCCCTCAGATGGTGTCTGCCATAGTGCGCACCATGCAGAATACAATGAGCTAGAAAACA
 GCCCGTTGTACCGCTGGGACCCTACACAACCTTCCACCATCGAGAGGGCTTGTGGCCATCTTTAAAT
 CTGGCGGCATCCCAGCGCTGGTGAATGCTTGGGTGCGCCAGTGGATTCCGTAAGTCTACGCCATCAC
 CACGCTGCATAATCTCCTGCTACATCAGGAAGGAGCTAAAATGGCAGTGCGCCTAGCTGGTGGGCTGCAG
 AAAATGGTTGCTTGGCTCAACAAAAACAACGTGAAGTCTTGGCTATTACGACAGACTGCCTCAGATCT
 TAGCTTACGGCAATCAGGAAAGCAAGCTCATATTCTGGCCAGTGGTGGACCCCAAGCCTTAGTAAACAT
 AATGAGAACCTACACGTACGAGAAGCTCCTGTGGACCACAAGCAGAGTGTGAAGGTGCTGTCTGTCTGC
 TCTAGCAACAAGCCGGCCATCGTGAAGCTGGTGGATGCAGGCACTGGGCTCACCTGACAGACCCGA
 GTCAGCGACTTGTCAAACCTGCTTTGGACTCTGAGAACTTGTCCGATGCAGCGACTAAGCAGGAAG
 GATGGAAGGCCTCCTGGGACTCTAGTGCAGCTTCTGGGTCTGATGATATAAATGTGGTACCTGCGCA
 GCTGGAATTCTCTCTAACCTCACTTGAATAATTACAAAAACAAGATGATGGTGTGCCAAGTGGGTGGCA
 TAGAGGCTCTTGTGCGCACTGTCCTTCGTGCTGGTACAGGGAGGACATTACCGAGCCTGCCATCTGTGC
 TCTTCGTCTGACAGCCGACATCAGGAAGCTGAGATGGCCAGAATGCCGTTGCGCTTCATTATGGA
 CTACCTGTTGGTTAACTCCTGCACCCACCATCCCCTGCGCTCTGATAAAGGCAACTGTTGGATTGA
 TCCGAAACCTTGGCCTTGGCCAGCAAATCATGCGCTTGGCGGAAACAGGGTGGATCCCACGACTAGT
 TCAGCTGCTTGTACGAGCACATCAGGACACCCAGCGCGCACGTCCATGGGTGGAACACAGCAGCAGTTC
 GTGGAGGGCGTCCGCATGGAGGAGATAGTTGAAGGGTGCAGTGGGCTCTCCACATCCTCGCTCGGGATG
 TTCACAACCGGATTGTGATCCGAGGACTCAATACCATTCCACTGTTTGTGCAAGTCTTTATTCTCCCAT
 TGAATAATCAAAGAGTAGCTGCAGGGTCTCTGTGAACCTGCTCAGGACAAGGAGGCTGCAGAGGCC
 ATTGAGGCTGAGGGAGCCACAGCTCCCCTGACAGAGTTGCTCCACTCCAGGAATGAAGGCGTGGCAACAT
 ATGCGGCTGCTGTTCTATTCCGAATGTCTGAGGACAAGCCACAGGACTACAAGAAACGGCTTTCGGTTGA
 GCTGACCAGTTCCCTCTCAGGACAGAGCCAATGGCTTGGAAATGAGACTGCTGATCTCGGACTGGACATT
 GGTGCCAGGGGAGAAGCCCTGGATATCGCCAGGACGATCCCAGCTACCGTCTTTTCACTCTGGTGGAT
 ACGGCCAGGACGCTTGGGATGGACCTATGATGGAGCATGAGATGGGTGGCCACCACCCTGGTGTGA
 CTATCCAGTTGATGGGCTGCCTGACCTGGGACACGCCAGGACCTCATGGACGGGCTGCCTCCAGGTGAT
 AGCAATCAGCTGGCCTGGTTTGTATCCGACCTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053357
Insert Size: 2346 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:	<ol style="list-style-type: none">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_053357.2 , NP_445809.2
RefSeq Size:	2352 bp
RefSeq ORF:	2346 bp
Locus ID:	84353
UniProt ID:	Q9WU82
Cytogenetics:	8q32
Gene Summary:	involved in mediating the interaction between cadherins and the actin cytoskeleton [RGD, Feb 2006]