

Product datasheet for **SC208408**

beta Catenin (CTNNB1) (NM_001098210) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	beta Catenin (CTNNB1) (NM_001098210) Human 3' UTR Clone
Symbol:	beta Catenin
Synonyms:	armadillo; CTNNB; EVR7; MRD19; NEDSDV
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001098210
Insert Size:	667 bp
Insert Sequence:	<p>>SC208408 3'UTR clone of NM_001098210</p> <p>The sequence shown below is from the reference sequence of NM_001098210. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CAGCTGGCCTGGTTTGATACTGACCTGTAATCATCCTTTAGGAGTAACAATACAAATGGATTTGGGA
GTGACTCAAGAAGTGAAGAATGCACAAGAATGGATCACAAGATGGAATTTATCAAACCTAGCCTTGCT
TGTTAAATTTTTTTTTTTTTTTTTTTTAAAGAATATCTGTAATGGTACTGACTTTGCTTGCTTTGAAGTAG
CTCTTTTTTTTTTTTTTTTTTTTTTTTGCAGTAACTGTTTTTAAAGTCTCTCGTAGTGTTAAGTTATA
GTGAATACTGCTACAGCAATTTCTAATTTTAAAGAATTGAGTAATGGTGTAGAACACTAATTCATAATC
ACTCTAATTAATTGTAATCTGAATAAAGTGTAAACAATTGTGTAGCCTTTTGTATAAAATAGACAAATA
GAAAAATGGTCCAATTAGTTTCCTTTTAAATATGCTTAAATAAGCAGGTGGATCTATTTTCATGTTTTG
ATCAAAAATATTTGGGATATGTATGGGTAGGGTAAATCAGTAAGAGGTGTTATTTGGAACCTTGTTTT
GGACAGTTTACCAGTTGCCTTTTATCCCAAAGTTGTTGAACCTGCTGTGATACGATGCTTCAAGAGAA
AATGCGGTTATAAAAAATGGTTCAGAATTAACTTTTAATTCATTC
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).


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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001098210.2</u>
Summary:	The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016]
Locus ID:	1499
MW:	26