

Product datasheet for **SC204950**

Centrin 3 (CETN3) (NM_004365) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Centrin 3 (CETN3) (NM_004365) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CETN3
Synonyms:	CDC31; CEN3
ACCN:	NM_004365
Insert Size:	1837 bp



[View online »](#)

Insert Sequence: >SC204950 3'UTR clone of NM_004365
 The sequence shown below is from the reference sequence of NM_004365. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCATTGCTATTATGACTGGTGACATTAAAGAATTACAAGGATAAACACTAAGAATGTTGCAGTTACC
ATCTTATATTCTATTTTTGTGCCTGGAGCCATGTGAAAAAACCCTTACTTTTATCCTAAAGGA
CCAAAAATAAGCATCTTATATATCTGTATTTACTACTGTAAAGTTTCTTTGTATGAACTGTGTTGTTA
GTACTCAGATAGTTAGCTTTGTATTTATAATAGAGCTTTTATATAAAGTTTTAAAAATTGAATGTGTG
ATATGTGTTCTTTGAAGTTTTTTAATTTAACATTTATAGTCACTTTTTGTGCACACATTTTCCAGAC
TTTTCGTTAATAAAATATTTATTTTATTAGAATTTTAAAGTTTGGTAAATTTGTTTTTATTCTAGTATC
TGTTAACCTCAAGAGTGGATTTCTTAAATCTTCCCTTTATAATTTTACTAGTTTCTGAAACAAAAATT
GAAATACAATTAGCAATAGAGTGGCACATTTTCCATTACCTAACATTTTCAATTTTGTGACATTCTAT
ATTTTAAATACAAGCTGACTCAATAAAGCTAATTCCTTTTTTAAAGTCTGTCTTTGAGTTTAGAAG
GAATAAGTATTGTGCAGATAGACCCATTTATCCTTGTGTATTATGTTTCTTAACTTGGTATCATTGTAA
GTATGAAAGTTAATTTTCTTCTGAATATTTCTTAAACAAATTGAATGAATACAATTTGAATTTTCTAA
CTTCTTGACTGAGAGATTTAAATTTTGGAAATTTGATTTGTTAAGGTAATTATCACTCAATTACATGTC
ACAGTGATGAAAATAGAAAAGTAAAGCCACAGAAAATAATTTAAGTCTATGTTTTACCTATATGAAGGA
ACAGTCTGTGATTCACCAGGAAATAGTAGAGACACAGTTTCCAAGTACTGGTGGGCTCTTCTGCCTGTG
AGAAGTGTATGTTAGGGGAAACAAGTGGTTATGGAGATCGATCATAGAAAAAATAGTACCTATATGG
ATCCTTCACTCATATCTAGTACTCGGTGTTATGGGCTCTCCAGGAACGGAATTGAGTTGCTATTTCA
GCAATCTTTCTTTAGAATTCCTGTTTTAAATTTTTAAGTTTAAAGTGTAGTATCATTGAGGCGCTTTA
AATGTTGTGAGCCTTTTAAAGATTACATTAAGGTTGTCCACTAGAAATTTAACACAAAAATCAGTAG
GGAATACTATAGCAGTAGTGACATTTCAAACAGTTATCTAGGAAGCAAGTGTATATTAAGTCATTCTTG
TATTGCTACGAAGAAATACCAAGACTGCATATTTTATAAAGAAAAGAAGCTTAATTGGCTTACGGTTC
TGCAGGCTTTACAGGAAGCATGGTGTCTTCTGCTTTTGGGAGGCCTCAGGAAGCTTACAGTCATGGTAG
AAGGCAAAGGGGAGCAGGCACATCACATGGTAAAACAGAGTGAACAAGTGAGAGAAGTGCCAAGTA
CTTTGAAACCACCAGATCTCATGAGAACTCACTATTGTGAGGACATCTAATCACCTCCCACCAGACCTC
ACCTCCAGTACTGGGATTACAATCAACATGATATTTGAGTGGGACAGATATACAACTATATCAGC
AGGTAACTAGAGTAAAACCTAATTTTGAATACAAATCAATGGTCACAGTCATTATATTAGGGCAAC
AGACCTTGAAATTAATAAATTTTTGTGCGCACACTGATGAGTCCCTCTGTCTTGATCATGAAATATATT
GATTTCCAGGAAAGTAAAAATAAAAACAGTAAAAGTAAATCTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).

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: [NM_004365.4](#)

Summary:

The protein encoded by this gene contains four EF-hand calcium binding domains, and is a member of the centrin protein family. Centrins are evolutionarily conserved proteins similar to the CDC31 protein of *S. cerevisiae*. Yeast CDC31 is located at the centrosome of interphase and mitotic cells, where it plays a fundamental role in centrosome duplication and separation. Multiple forms of the proteins similar to the yeast centrin have been identified in human and other mammalian cells, some of which have been shown to be associated with centrosome fractions. This protein appears to be one of the most abundant centrins associated with centrosome, which suggests a similar function to its yeast counterpart. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

Locus ID:

1070

MW:

70.7