

## Product datasheet for SC211925

### SEPTIN7 (NM\_001011553) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SEPTIN7 (NM_001011553) Human 3' UTR Clone
Symbol:	SEPTIN7
Synonyms:	CDC3; CDC10; NBLA02942; SEPT7; SEPT7A
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001011553
Insert Size:	1044 bp
Insert Sequence:	>SC211925 3'UTR clone of NM_001011553 The sequence shown below is from the reference sequence of NM_001011553. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAACAAGAAGAAAGGGAAGATCTTTTAACTCTCTATTGACCACCAGTTAACGTATTAGTTGCCAAT
ATGCCAGCTTGGACATCAGTGTTTGGTGGATCCGTTTGACCAATTTGCACCAGTTTTATCCATAATGAT
GGATTTAACAGCATGACAAAAATTATTTTTTTTTTTTGTCTTGATGGAGATTAAGATGCCTTGAATTGT
CTAGGGTGTCTGTACTTAGAAAGTAAGAGCTCTAAGTACCTTCTACATTTCTTTTTTATTAAC
AGATATCTCAGTTTAATGCAAGAGAACATTTTACTGTTGTACAATCATGTTCTGGTGGTTGATTGTT
TACAGGATATTCCAAAATAAAAGGACTCTGGAAGATTTTCATTGAGGATAAATTGCCATAATATGATGC
AACTGTGCTTCTATGATAATTACAATACAAAGGTTCCATTCAAGTGCAGCATATAACAATAATGTAAT
TTAGTCTAACACAGTTGACCCTATTTTTGACACTTCCATTGTTTAAAAATACACATGGAAAAA
AACCCATATGCTTACTGTGCACCTAGAGCTTTTTATAACAACGCTTTTTGTTGTTGTTTGGAT
TCTTTAAATATATATTCTCATTAGTGCCTCTTAGCCAGAATCTCATTACTGCTTCAATTTTGT
AATAACATTTAATTTAGATATTTCCATATATTGGCACTGCTAAAATAGAATATAGCATCTTTTATATG
GTAGGAACCAACAAGGAACTTTCCCTTTAACTCCCTTTTACACTTTATGGTAAGTAGCAGGGGGGAA
ATGCATTTATAGATCATTCTAGGCAAAATTGTGAAGCTAATGACCAACCTGTTTCTACCTATATGCAG
TCTCTTTATTTACTAGAAATGGGAATCATGGCCTCTTGAAGAGAAAAAGTCAACATTCTGCATTTAG
CTGTATTCATATATTGCATTTCTGTATTTTTGTTGATTGTAAAAAATCACATAATAAACGATGTT
GTGATGTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001011553.4</a>
<b>Summary:</b>	This gene encodes a protein that is highly similar to the CDC10 protein of <i>Saccharomyces cerevisiae</i> . The protein also shares similarity with Diff 6 of <i>Drosophila</i> and with H5 of mouse. Each of these similar proteins, including the yeast CDC10, contains a GTP-binding motif. The yeast CDC10 protein is a structural component of the 10 nm filament which lies inside the cytoplasmic membrane and is essential for cytokinesis. This human protein functions in gliomagenesis and in the suppression of glioma cell growth, and it is required for the association of centromere-associated protein E with the kinetochore. Alternative splicing results in multiple transcript variants. Several related pseudogenes have been identified on chromosomes 5, 7, 9, 10, 11, 14, 17 and 19. [provided by RefSeq, Jul 2011]
<b>Locus ID:</b>	989
<b>MW:</b>	40.2