

Product datasheet for **SC202285**

SEPTIN4 (NM_080416) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SEPTIN4 (NM_080416) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SEPTIN4
Synonyms: ARTS; BRADEION; C17orf47; CE5B3; H5; hCDCREL-2; hucep-7; MART; PNU TL2; SEP4; SEPT4
ACCN: NM_080416
Insert Size: 200 bp
Insert Sequence: >SC202285 3'UTR clone of NM_080416

The sequence shown below is from the reference sequence of NM_080416. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATACAAAAACAGATGAAGGAGAACTATTAAGTGGCTTTTCAGCCCTGGATATTTAAATCTCCTCCTCTTC
TTCCTGTCCATGCCGGCCCTCCAGCACCAGCTCTGCTCAGGCCCTTCAGTACTGCCACTTCGCCT
TACATCCCTGCTGACTGCCAGAGACTCAGAGAAATAAAGTTTAATAAATCTGTAGGTGGC
ACGCGTAAGCGGCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_080416.4](#)



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Summary:

This gene is a member of the septin family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse, and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is highly expressed in brain and heart. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. One of the isoforms (known as ARTS) is distinct; it is localized to the mitochondria, and has a role in apoptosis and cancer. [provided by RefSeq, Nov 2010]

Locus ID:

5414

MW:

7.2