

## Product datasheet for **SC204063**

### Protein C (PROC) (NM\_000312) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Protein C (PROC) (NM_000312) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PROC
Synonyms:	APC; PC; PROC1; THPH3; THPH4
ACCN:	NM_000312
Insert Size:	326 bp
Insert Sequence:	>SC204063 3'UTR clone of NM_000312 The sequence shown below is from the reference sequence of NM_000312. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAAGCCCCCAGAAGAGCTGGGCACCTTAGCGACCCTCCCTGCAGGGCTGGGCTTTTGCATGGCAATGG ATGGGACATTAAGGGACATGTAACAAGCACACCGGCCTGCTGTCTGTCTCCATCCCTCTTTGGG CTCTTCTGGAGGGAAGTAACATTTACTGAGCACCTGTTGTATGTCACATGCCTTATGAATAGAATCTTA ACTCCTAGAGCAACTCTGTGGGGTGGGGAGGAGCAGATCCAAGTTTTGCGGGGTCTAAAGCTGTGTGTG TTGAGGGGATACTCTGTTTATGAAAAAGAATAAAAAACACAACCCAGAA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG  Restriction Sites: Sgfl-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: <a href="#">NM_000312.4</a>



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**Summary:**

This gene encodes a vitamin K-dependent plasma glycoprotein. The encoded protein is cleaved to its activated form by the thrombin-thrombomodulin complex. This activated form contains a serine protease domain and functions in degradation of the activated forms of coagulation factors V and VIII. Mutations in this gene have been associated with thrombophilia due to protein C deficiency, neonatal purpura fulminans, and recurrent venous thrombosis.[provided by RefSeq, Dec 2009]

**Locus ID:**

5624

**MW:**

12.6