

Product datasheet for SC213303

Protein S (PROS1) (NM_000313) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Protein S (PROS1) (NM_000313) Human 3' UTR Clone
Symbol:	Protein S
Synonyms:	PROS; PS21; PS22; PS23; PS24; PS25; PSA; THPH5; THPH6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000313
Insert Size:	1224 bp

Insert Sequence: >SC213303 3'UTR clone of NM_000313
The sequence shown below is from the reference sequence of NM_000313. 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
TCAGTTTGGAAAAAGACAAAGAATTCTTAAGGCATCTTTCTCTGCTTATAATACCTTTTCCTTGTGTG
TAATTATACTTATGTTTCAATAACAGCTGAAGGGTTTTATTTACAATGTGCAGTCTTTGATTATTTGT
GGTCCTTCTGGGATTTTTAAAGGTCCTTTGTCAAGGAAAAAATTCTGTTGTGATATAAATCACAG
TAAAGAAATCTTACTTCTCTTGCTATCTAAGAATAGTAAAAATAACAATTTAAATTTGAATTTTTT
TCCTACAAATGACAGTTTCAATTTTTGTTGTAAAATAAATTTAATTTATCATCATGAAGTGTG
CTAAATACCTATGTTTTTTTCAGAAAGCAAGGAAGTAACTCAAACAAAAGTGCCTGTAATTAATACT
ATTAATCATAGGCAGATACTATTTTGTATGTTTTTGTTTTTTCTGATGAAGGCAGAAGAGATGGT
GGTCTATTAATATGAATTGAATGGAGGGTCTAATGCCTATTTCAAACAATTCCTCAGGGGGAACA
GCTTTGGCTTCATCTTCTCTTGTTGGCTTACATTTAAACCAGTATCTTTATTGAATTAGAAAACAA
GTGGGACATATTTCTGAGAGCAGCACAGGAATCTTCTTCTTGGCAGCTGCAGTCTGTGAGGATGAGA
TATCAGATTAGTTGGATAGTGGGGAATCTGAAGTGGGTACATTTTTAAATTTTGTGTGTGGGTC
ACACAAGTCTACATTACAAAAGACAGAATTCAGGGATGGAAAGGAGAATGAACAATGTGGGAGTTCA
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GGAACATGAAAACAGAACAAATTTAAACAAAAGGACAACCACAGGGATATAGTGAATATCGTATC
ATTGTAATCAAAGAAGTAAGGAGTAAGATTGCCACGTGCCTGCTGGTACTGTGATGCATTTCAAGTGG
CAGTTTTATCACGTTTGAATCTACCATTATAGCCAGATGTGTATCAGATGTTTCACTGACAGTTTTTA
ACAATAAATCTTTTCACTGATTTTATATCACTTATAATAAATCGGTGTATAATTTAAATGCATGT
GAATATCTTTATATCAACTGTTTGAATAAAAACAAAATTACATAATAGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-Mlul
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_000313.4
Summary:	This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anticoagulant protease, activated protein C (APC) to inhibit blood coagulation. It is found in plasma in both a free, functionally active form and also in an inactive form complexed with C4b-binding protein. Mutations in this gene result in autosomal dominant hereditary thrombophilia. An inactive pseudogene of this locus is located at an adjacent region on chromosome 3. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing to generate mature protein. [provided by RefSeq, Oct 2015]
Locus ID:	5627
MW:	48.3