

## Product datasheet for **SC214014**

### **PACE4 (PCSK6) (NM\_138319) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PACE4 (PCSK6) (NM\_138319) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PCSK6  
**Synonyms:** PACE4; SPC4  
**ACCN:** NM\_138319  
**Insert Size:** 1355 bp  
**Insert Sequence:** >SC214014 3'UTR clone of NM\_138319  
The sequence shown below is from the reference sequence of NM\_138319. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGCTGCCGCACGTGCCTCCTGGCCGGGTAAAGGGTGCCTAGCTGCCACAGAGGGCAGGCACTCCCATCC
ATCCATCCGTCACCTTCTCCAGACTGTCGGCCAGAGTCTGTTTCAGGAGCGGCGCCCTGCACCTGAC
AGCTTTATCTCCCAAGGAGCAGCATCTCTGAGCACCAAGCCAGGTGGTGGTGGCTCTTAAGGAGGTG
TTCTAAATGGTGATATCCTCTCAAATGCTGCTTGTGGCTCCAGTCTTCCGACAAACTAACAGGAAC
AAAATGAATTCTGGGAATCCACAGCTCTGGCTTTGGAGCAGTCTGGGACCATAAGTTTACTGAATCT
TCAAGACCAAAGCAGAAAAGAAAGGCGCTTGGCATCACACATCACTCTTCTCCCGTGCTTTTCTGCGG
CTGTGTAGTAAATCTCCCGGCCAGCTGGCGAACCTGGGCCATCCTCACATGTGACAAAGGGCCAGC
AGTCTACCTGCTCGTTGCCTGCCACTGAGCAGTCTGGGGACGGTTTGGTCAGACTATAAATAAGATAGG
TTTGAGGGCATAAAATGTATGACCACTGGGGCCGAGTATCTATTTCTACATAGTCAGCTACTTCTGAA
ACTGCAGCAGTGGCTTAGAAAGTCCAATCCAAGCCAGACCAGAAGATTCTATCCCGCAGCGCTCT
CCTTTGAGCAAGCCGAGCTCTCCTTGTACCGTGTCTGTCTGTCTTCAAGGAGTCTCATGGCCTGAA
CGACCACCTCGACCTGATGCAGAGCCTTCTGAGGAGAGGCAACAGGAGGATTCTGTGGCCAGCCAAAA
GGTACCCCGATGGCCAAGCAATTCCTCTGAACAAAATGTAAGCCAGCCATGCATTGTTAATCATCCAT
CACTTCCCATTTTATGGAATTGCTTTTAAAATACATTTGGCCTCTGCCCTTCCAGAAGACTCGTTTTTAA
GGTGAAACTCCTGTGTCTGTGTATATTACAAGCTACATGACACAGTTGGATTTATTCTGCCAAACCT
GTGTAGGCATTTTATAAGCTACATGTTCTAATTTTACCGATGTTAATTTTGGACAAATTTTCATA
TATTTTCATTGAAATGCACAGATCTGCTTGATCAATCCCTTGAATAGGGAAGTAACATTTGCCTTAAA
TTTTTTCGACCTCGTCTTCTCCATATTGCTGCTGCCCTGTTTGACGACAGTGCATTTGCCTTGTC
CCTGTGAGCTGGAGAGAACCAGATGTTGTTTATTGAATCTACAACCTCTGAAAGAAAATCAATGAAGC
AAGTACAATGTTAACCTAAATTAATAAAAGAGTTAACATCCCA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```



[View online >](#)

---

<b>Restriction Sites:</b>	Sgfl-Mlul
<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_138319.4</a>
<b>Summary:</b>	This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an initial autocatalytic processing event in the ER to generate a heterodimer which exits the ER and sorts to the trans-Golgi network where a second autocatalytic event takes place and the catalytic activity is acquired. The encoded protease is constitutively secreted into the extracellular matrix and expressed in many tissues, including neuroendocrine, liver, gut, and brain. This gene encodes one of the seven basic amino acid-specific members which cleave their substrates at single or paired basic residues. Some of its substrates include transforming growth factor beta related proteins, proalbumin, and von Willebrand factor. This gene is thought to play a role in tumor progression and left-right patterning. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Feb 2014]
<b>Locus ID:</b>	5046
<b>MW:</b>	51