

Product datasheet for **SC201073**

PACE4 (PCSK6) (NM_138320) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PACE4 (PCSK6) (NM_138320) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PCSK6
Synonyms:	PACE4; SPC4
ACCN:	NM_138320
Insert Size:	160 bp
Insert Sequence:	>SC201073 3'UTR clone of NM_138320 The sequence shown below is from the reference sequence of NM_138320. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGGGCAGACACCGTGCAGCAGCGGATAGATGGGAAGCAGAATAGCAAGGTGCTCACACCCATTGG TGGACTACGCGGACGTCCCTGCCATGTCGCGCTCAGCATGCATCCTTTGCACTGTCGATAATCAGAG AAACCATGTTTTGGGTTAAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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:	<u>NM_138320.1</u>



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Summary:

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]

Locus ID: 5046

MW: 5.9