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Product datasheet for SC204593

Proprotein convertase PC4 (PCSK4) (NM_017573) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Proprotein convertase PC4 (PCSK4) (NM_017573) Human 3' UTR Clone
Symbol:	Proprotein convertase PC4
Synonyms:	PC4; SPC5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017573
Insert Size:	361 bp
Insert Sequence:	>SC204593 3'UTR clone of NM_017573 The sequence shown below is from the reference sequence of NM_017573. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCCCAGGTCTGGCTGCCAGCTGGAACCTGAAGTTGTCAGCTCAGAAAGCGACCTTGCCCCCGCCTGGGT CCCTGACAGGCACTGCTGCCATGCTGCCTCCCCAGGCTGGCCCCAGAGGAGCGAGCACCAGCACCCGAC GCCTGGCCTGCCAGGGATGGGCCCCGTGGAACCCCGAAGCCTGGCGGGAGAGAGAGAGAGAGAAGTCTC CTCTGCATTTTGGGTTTGGGCGGGAGTGGGCTGGGGGGAGAGGCTGGAGCACCCCAAAAGCCAGGGGAA AGTGGAGGGAGAGAAACGTGACACTGTCCGCCTCGGGCACCGCGTCCAACCTCAGAGTTTGCAAATAAA GGTTGCTTAGAAGGTG ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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.

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RefSeq:	NM_017573.5
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 subcellular compartments where a second autocatalytic even takes place and the catalytic activity is acquired. This gene encodes one of the seven basic amino acid-specific members which cleave their substrates at single or paired basic residues. The protease is expressed only in the testis, placenta, and ovary. It plays a critical role in fertilization, fetoplacental growth, and embryonic development and processes multiple prohormones including pro-pituitary adenylate cyclase-activating protein and pro-insulin-like growth factor II. [provided by RefSeq, Jan 2014]
Locus ID:	54760
MW:	12.6