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Product datasheet for SC211246

PCSK7 (NM_004716) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PCSK7 (NM_004716) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PCSK7
Synonyms:	LPC; PC7; PC8; SPC7
ACCN:	NM_004716
Insert Size:	1690 bp

View online »

Insert Sequence:

>SC211246 3'UTR clone of NM_004716
The sequence shown below is from the reference sequence of NM_004716. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGCACGGGAAGGAGGAGCAGATCTGCTGACCTCAGGGCCTGACAGTGTGGGACAGGCTCTTCTTTCCC
AAAATTAGGGAGCTCTTGACAGAAAGCAGTTCTGATGCTTACATCTGGAATCTGAGGCATCCTCTGACT
CCACTCAAAGAGGGTGAGGGCCTTCTTAAGATACAAATGGTGGAGGATTGCTGCCAGAGAAGTCTGGTC
AGAGCCACAGGGTCTGCCTCCAGCCAAACGGGAGCTTTTGGTGAGAAGGTGTTGGACAGGGGATTGGCG
CCCCCCTTTGGTTTGGCCTCCATCCTCATCTCTCTTGGGCCAAGCCAGCTGCCTAGGTCCCCCAAGCAT
GGGGGACCCCTTCCCACATATAAGTTGAGAAGGTGCCTGCCATAGCCAGGAGCGCATCTCAATGGAAAC
ATCACTGGGGTCACTTGGGAAGAGGACTTCGGGGTAGAGGCTGGGAGGAGCCCCTGGACATGCCTGTCC
TGAAAGCGGCTGCCTCCATTATCCATTCCCAAGATGCCTGATCAGAAACCAACCATGAATGAACCCCTG
GCTCCTTCACCACCCCCACGATTGGTATGATGCTGCCGGCACAGCTGGGATACACACGGCTCCCCCAGG
CCTGAGCTGCTTCACTAGGGAATCCTGCGGCAGGACTGCAGAGCAGATGGCAGATGCACATGTTGGAGG
AGAGAGCCTTGGGAGCCACTGCCACTCCAGTCCTGCCACCACCCTGTCTTCCTCTGCAAGTGCTCAGGG
AAATGGCCTTCCCGCCGGAGGCCAGCTATCTGCCTGACAGGCTGTGACTCTTCTCTCAACCTTGGCCTT
CTCCCCTCTTCTGAGCTAGTTGGTTGAATTTTTTTTAATGCTTAAGATTTGTTTTTCTCTTTTCACAGC
AACATTTTCTTGAATTTTTTTCTGCACAGCTTTTCCAAAATAAAAACCTTCCAAACAATTCTGCCACTC
GCAATCTCTCCTTTCCTCTGTCTCCCCAAAGCCACTGCATGCTGCTGAGTGGCTCCTTTTTCCCTTCGG
TCCCCAAGATTCACTCTCCTGTTCTATGGCCTGTTTCCTCTGAAAGAATCTGACTGTCCTGGAATCTTG
GCACATGAAGGGTCCTTCAGAGGACGGCAGCCAGGAACACATACAAGCCCGAGATGCCTGCCTGTCCCC
TGCGCAGATCTGAAACCATAACAAAAGTGACCAGGGCAAATCAAACTCTGCCAGCCAGGCCTGAGAAAA
GATTGATTTTTTTTTTTTTTTTTTTGAGTTCCAACCCCAAAAATATTCCAGGACAAGATAGGGGGCAGGC
TGGGCTGGTTCTTCTTCAATGGGCTTTTGCCGCCAAGGAGGACAGTGGACTTGGCCCACATCCAGGCTA
CCCCCAGCCCGCTTCTCCCCTGCTTAGCCCAGGGAGGAGACAGTAGAGGTGATGGGGGCAGCCGGGAGG
GAGGGGCCAAGGCAGTGATGCTTTCGGGTAAGAAGTTGGGCTGAGGCTGGGGGCACAGGGAGGAGCTGC
CCAGGTGCAGTTACCATTGCTCAGTGACAGAGCCTCAAAGCTTGGCCAGGGCTGAAGGTACCACACGGG
TGTGGGTGAGGCAGGCTAAGCGGGATGGCTGCAGCCAAGGAGCTGGGGGAGGGCCGGGCTCAGGGCTAG
CCCTCTCCGCTCTAACTGATGATCTGCCGAGGTC
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.

RefSeq: NM_004716.4

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. It encodes a type 1 membrane bound protease that is expressed in many tissues, including neuroendocrine, liver, gut, and brain. The encoded protein undergoes an initial autocatalytic processing event in the ER and then sorts to the trans-Golgi network through endosomes where a second autocatalytic event 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. It can process proalbumin and is thought to be responsible for the activation of HIV envelope glycoproteins gp160 and gp140. This gene has been implicated in the transcriptional regulation of housekeeping genes and plays a role in the regulation of iron metabolism. A t(11;14)(q23;q32) chromosome translocation associated with B-cell lymphoma occurs between this gene and its inverted counterpart. [provided by RefSeq, Feb 2014]

Locus ID: 9159

MW: 62.2