

Product datasheet for **RN212118**

Pcsk9 (NM_199253) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcsk9 (NM_199253) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcsk9
Synonyms:	NARC-1; Narc1; PC9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212118 representing NM_199253
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCATCCGCTGCTCTACATGGTTGCGGTGGCCGCTGTCGCCGACGCTGCTGTTGTTGCTGCTACTGT
 GCCCACAGGCTCCCGTGCCAGGACGAGGACGGAGACTACGAAGAGCTGATGCTCGCCCTCCCGTCCCA
 GGAGGATAGCCTGGTTGATGAGGCCTCACACGTGGCCACCGCCACCTTCCGCCGTTGCTCCAAGGAGGCC
 TGGAGGCTGCCAGGAACCTACGTGGTGGTCTGATGGAGGAGACCCAGCGGCTGCAGGTTGAACAACTG
 CCCATCGCTGCAGACCTGGGCGGCCCGCGGGGCTATGTCATCAAGTTCTGCATGCTTTTATGACCT
 CTTCCCTGGCTTCTTGGTGAAGATGAGCAGTGACCTGTTGGCCCTGGCCCTGAAGTTGCCCATGTGGAG
 TACATCGAGGAAGACTCATTAGTCTTCGCCAGAGCATCCATGGAACCTGGAGCGGATTATCCACGCGT
 GGCAGCAGACAGAGGAAGATAGCTCCCTGACGGAAGTAGCCAGGTGGAGGTGTATCTCTTAGATACCAG
 CATCCAGAGTGGCCACCGGGAGATCGAGGGCAGAGTTACCATCACTGACTTCAACAGTGTGCTGAGGAG
 GACGGGACACGTTTCCACAGACAGGCGAGCAAGTGTGACAGCCATGGCACCCACCTAGCAGGTGTGGTCA
 GCGGCCGGGATGCTGGTGTGGCCAAGGGCACAGTCTGCACAGTCTGCGTGTGCTCAACTGTCAAGGGAA
 GGGCACAGTCAGCGGCACCCTCATAGGCCCTGGAGTTTATTCGGAAGAGCCAGCTAATCCAGCCTTCGGGG
 CCACTCGTGGTGTGCTGCCCTGGCGGTGGGTATAGCCGGATCCTTAACACTGCCTGCCAGCGCCTGG
 CAAGGACTGGGGTAGTGTGGTGGCAGCAGCTGGGAATTTCCGAGATGATGCCTGCCTCTACTCCCCAGC
 CTCTGCTCCAGAGGTATTACAGTTGGGGCCACTAATGCCAGGACCAGCCAGTACCCTGGGGACTTTG
 GGGACAACTTTGGACGCTGTGTGGATCTTTTGGCCCGGGAAGGACATCATCGGAGCCTCCAGTGACT
 GTAGCAGTGTACATGTACAGAGTGGGACGTACAAGCTGCTGCCACGTGGCTGGCATTGTGGCTAT
 GATGCTGAACCGGGATCCAGCACTTACCCTGGCTGAGCTGCGGCAGAGGTTGATCCTCTTCTTACCAAA
 GATGTCATCAACATGGCCTGGTTCCTGAGGACCAGCGGTGCTGACCCCAACCGGGTGGCCACACTGC
 CCCCCAGCACCCAGGAGACAGGCGGGCAGCTGCTGCGGACAGTGTGGTCCGCCCACTCAGGGCCAC
 CCGTACAGCAACAGCCACAGCCCGCTGTGCCCTGAAGAGGAACTGCTGAGCTGCTCCAGCTTCTCCAGG
 AGCGGGAGGCGACGGGTGATCGAATTGAGGCCATAGGGGGCCAGCAGGTCTGCAAGGCCCTCAATGCAT
 TTGGGGGTGAGGGTGTCTATGCTGTCGCAAGGTGCTGCCTGCTTCCCGTGTCAACTGCAGCATCCACAA
 CACTCCTGCAGCCAGAGTGGTCCGACAGCCCGTCCACTGCCACCAGAAGGACCATGTTCTCACAGGC
 TGCAGTTCCTACTGGGAAGTGGAAAACCTTAGAGCCCAGCAGCAGCTCTGCTGAGTCCAGACATCAAC
 CTGGCCAAATGCGTTGGCCACCAGGAGGCCAGTGTCCACGTTCCCTGCTGCCATGCTCCAGGTCTGGAATG
 CAAAATCAAGGAGCATGGCATCGCAGGTCTGCAGAGCAGGTACCGTGGCCTGTGAGGCAGGATGGACC
 CTGACTGGATGCAACGTTCTCCCTGGGGCATCCCTCCCTCTGGGGGCTACAGTGTGGACAACGTGTGTG
 TGGCACGAATCCGTGATGCTGGTAGAGCGGACAGGACCAGTGAAGAAGCCACGGTAGCTGCTGCCATCTG
 CTGCCGGAGCCGGCTTCGGCAAGGCCCTCTGGGTTACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_199253

Insert Size: 2076 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_199253.2</u> , <u>NP_954862.2</u>
RefSeq Size:	3350 bp
RefSeq ORF:	2076 bp
Locus ID:	298296
UniProt ID:	<u>P59996</u>
Cytogenetics:	5q34
Gene Summary:	a soluble zymogen; involved in hepatic growth and differentiation [RGD, Feb 2006]