

Product datasheet for **RN201300**

Pcsk4 (NM_133559) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcsk4 (NM_133559) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcsk4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN201300 representing NM_133559
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGGCCCTCCAGACAGCGCTGTGGCTGGTCTGGTTTGTCTTTGGCCCTCCTGGCTGTGGGTGGG
 CCTCAGCCCGACCAACCATCTATGTCAGCAGCTGGGCAGTGCGGGTGACCAAGGTTACCAAGGAGCTGA
 GCGCCTGGCAGTAAATTTGGCTTCGTCAACCTGGGACAGATCTTCTGATGACCAAGTATTTCCATCTG
 AGGCACCGGGGTGTGGCCAGCAGTCCCTGACTCCGCACTGGGGCCACCGTCTGCGCCTGAAGAAAGAGC
 CCAAGGTGCGGTGGTTTGGCAGCAGACTTTGAGCGCGGGTGAAGCGCTCCCTGGTGGTACCCACAGA
 CCCCTGGTTTTCAAGCAGTGGTACATGAACAAGGAGATAGAACAAGATCTCAACATCTAAAGTTTGG
 AACCAGGACTGACTGGCCGGGAGTGGTGGTCTCCATCTTGATGATGGCATTGAGAAGGACCATCCGG
 ACCTCTGGGCTAATTATACCCCTGGCCAGCTATGACTTCAATGATTACGACCCAGATCCCCAGCTCG
 ATACACACCAACGATGAGAACCGCATGGAACACGCTGCGCTGGGGAGGTGTCTGCCACAGCAAAAC
 GGTTTCTGTGGTGCCGGTGTGGCCTTCAATGCCAGAAATTGGAGGCGTGCGCATGTTGGATGGAGCCATCA
 CTGACATCGTGGAGGCTCAGTCCCTCAGCTGCAGCCGCAACACATACATCTATAGCGCCAGTTGGGG
 CCCCAGGATGATGGGCGCAGTGACGAGACCGGCCTCCTCACGCAGGAGGCCTTCAGGCGTGGTGTGA
 ACCAAGGGCCGCAAGGGCTGGGCACGCTGTTCTGCGCCTCGGAAACGGTGGCCTCCACTACGACA
 ACTGCAATTGTGACGGCTACACCAACAGCATCCACACGCTGTGAGTGGGAGTACCACGCGGCAGGGCCG
 AGTGCCCTGGTACAGCGAGGCTGCGCCTCCACGTTACCACACCTTCAGCAGCGGTGTGGTACCAGC
 CCACAGATCGTCACACGACCTACACCATCAATGCACCGACAAGCACACGGGCACCTCGGCCTCCGCCC
 CGCTGGCCGCTGGCATGATCGCCTGGCGCTGGAGGCCAACCCTGCTGACCTGGAGGACCTGCAGCA
 CTTGGTGGTCCGCGCTCCAGGCCGCGCAGCTGCAGGCGGAGGACTGGAGGATCAACGGCTGGGGCGC
 CAAGTGAGCCACCACTATGGCTATGGGCTGCTGGACGCGGGCTGCTGGTAGACCTGGCTCGCGTGTGGC
 TCCCTACTAAGCCTCAGAAGAAATGCACCATTCGGGTGGTGACACCCCAACCCCATCTGCCTCGGAT
 GCTGGTGCCAAAGACGTGACTGTATGCTGCGATGGCTCGCGCCGCCCTCATCCGCTCGCTAGAGCAT
 GTTCAGGTCCAGCTGTCGCTCTCTACAGCCGCCGCGGGACCTGGAGATCTTCTCACCAGCCCCATGG
 GCACGCGCTCCAGCTTGTGGCCATCAGACCTTGATATCAGCGGCCAAGGCTACAACAAGTGGATCTT
 CATGTCTACTACTACTGGGATGAGGACCCGAGGGCTGTGGACCTGGGGCTGGAGAATAAGGGCTAC
 TATTATAACACAGGAAGTCTGTACTACTGCACGCTGCTGTATGGGACGCGAGGACATGACAGCGC
 GGCCCCAGACCCCAAGTGACAGCTGCGCGCACGATGTGCAGAGGGACAGAGGGGCTGTGCCAGG
 AAAGTCATTGTCCCTCTCCATTGTGGCAGAACTGCGCTCATCTCCAGCAAGCAGTGGTGGTGGCTCTA
 CAGCCACACAGCAGCCAGTGACCAAGGGACAGGACAGCTGTACCCTCCTACCACACCTGCTCGGCAG
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_133559

Insert Size:

1965 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:	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_133559.1, NP_598243.1</u>
RefSeq Size:	2458 bp
RefSeq ORF:	1965 bp
Locus ID:	171085
UniProt ID:	<u>Q78EH2</u>
Cytogenetics:	7q11
Gene Summary:	member of the Kex2/subtilisin-like proprotein convertases; may mediate the developmental maturation of germ cells [RGD, Feb 2006]