

Product datasheet for **MR231414**

Pcsk6 (NM_001291184) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcsk6 (NM_001291184) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pcsk6
Synonyms:	b2b2830Clo; C86343; Pace4; SPC4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR231414 representing NM_001291184
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTCCGCGCGCCGCCAGCGCCCGGGCCCGCGCCCGGGCCCGCCGATGTCGCGCGGGCG
 CAGGGGCCCGCGCCGGCACGGACTCCCGCCGCTCGCGCTGCGCCCTGGCGTTGGCTGCTTCTGCTCGC
 GCTGCCCGCCGCCTGCTCCGCGCTGCGCGCCCGCGCCCGTCTACACCAACCACTGGGCAGTGCAAGTG
 CTGGGCGGCCCGCGCGGGACCGCGTGGTGCGGCGCACGGCTACCTCAACTGGGCCAGATTGGAA
 ACCTGGACGATTACTATCATTTTTACCACAGCAAGACCTCAAGAGATCGACCTTGAGCAGCAGGGGCC
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 GAATGTGGTCTGACCATCCTCGATGACGGCATAGAAAGGAATCACCCAGACCTGGCCCCAACTACGAT
 TCCTATGCAAGCTACGATGTCATGAAATGATTATGACCCATCCCCGAGATATGACGCCAGCAACGAGA
 ACAACATGGCACTCGCTGTGCGGGTGAAGTGCCTCGGCCAACTCCTACTGCATCGTGGGCAT
 CGCATATAATGCAAAGATAGGAGGCATCCGGATGCTGGACGGCGATGTGACCGATGTGGTGGAGGCCAAG
 TCTCTGGGCATCAGACCAACTACATTGACATTTACAGCGCCAGTTGGGGACCCGATGATGACGGAAAGA
 CAGTAGATGGACCAGGCCGGCTGGCTAAACAAGCTTTGAGTATGGCATTAAAAAGGGTCGCAAGGTCT
 GGGCTCCATTTTTGTTGGCCCTCTGGGAATGGTGGGAGAGAAGGGGACCACTGCTCCTGTGATGGCTAC
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 AATGCGCTTCCAGTTGGCTACCCTACAGCAGCGGGGCTTCTATGAACGGAAGATGTCACCAAGAGA
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 AGCTCCCATCAGTCTCGCTCACGGATGCTGGAGCTCTCCGTCCCGGAGCAGGAGCCTCCCAAGGCTGCTG
 GACAACCAACCCAGGAGAGACTCCAGAAGACGAGGAAGAGTACACAGGTGTGTGCCATCCCGAGTGTGG
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 ACGTGCAGCAATGCCGATGAGACCTTCTCGGAGATGGTGAAGTCCAATCGCTCTGCGAACGGAAGCTCT
 TCATCCAGTTTTGCTGCCGCACCTGCCTCTGGCTGGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR231414 representing NM_001291184
 Red=Cloning site Green=Tags(s)

MPPRAPPAPGPRPPRAADVARGAGAAGRHLPLALRPWRLLLLALPAACALPPRPVYTNHWAVQV
 LGGPGAADRVAHAHGYLNLGQIGNLDDYHYFYHSTFKRSTLSSRGPHTFLRMDPQVKWLQQQEVKRRVK
 RQARSDSLYFNDFIWSNMWYMHCTDKNSRCRSEMNVQAAWKRGYTGKNVVVTILDGIERNHPLAPNYD
 SYASYDVNGNDYDPSPRYDASNENKHGTRCAGEVAASANNYSYCVGIAYNAKIGGIRMLDGDVTDVVEAK
 SLGIRPNYIDIYSASWGPDDDGKTVDGPGRLAKQAFYGIKKGRQGLGSIFVWASNGGREGDHCSDGY
 TNSIYTIYSVSTTENGHKPWYLEECASLTATTYSAGAFYERKIVTTDLRQRCTDGTGTSVSAPMVAGII
 ALALEANNQLTWRDVQHLLVKTSRPAHLKASDWKVNAGHKVSHLYGFLVDAEALVLEARKWTAVPSQH
 VCVATADKRPRSIPIVQVLRRTALTNACADHSDQRVVYLEHVVVRISSHPRRGDLQIHLISPSGTSKQL
 LAKRLDFSNEGFTNWFMTVHCWGEKAEGEWTLVQDIPVSRNPEKQKGLKEWSLILYGTAEHPYRTF
 SSHQSRSMLEL SVPEQEPKKAAGQPPQAEPEDEEYTGVCHECGDKGCDGNADQCLNCVHFLGNS
 KTNRKCYSVCEPLGYFGDAAARRCRRCHKGCETCTGRSPAQCLSCRRGFYHHQETNTCVTLCPAGLYADES
 QRLCLRCHPSCQKCVDEPEKCTVCKEGFSLARGSCIPDCEPGTYFDFSELVKCGECHHTCRTCVGPSREEC
 IHCAKSFHFQDWKCVACGEGFYPEEMPGLPHKVCRRCEENCLSCGSSRNC SRCKAGFTQLGTSCITNH
 TCSNADETFCEMVKSNRLCERKLFIQFCRTCLLAG

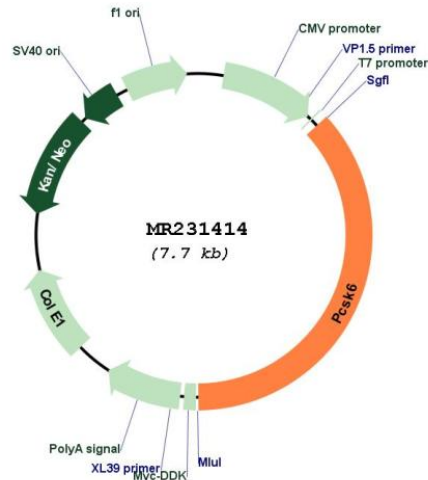
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001291184

ORF Size: 2838 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001291184.1](#), [NP_001278113.1](#)

RefSeq Size: 4259 bp

RefSeq ORF: 2841 bp

Locus ID: 18553

Cytogenetics: 7 35.36 cM

MW: 105.2 kDa