

Product datasheet for **RR205762**

Pcsk7 (NM_019246) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcsk7 (NM_019246) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pcsk7
Synonyms:	PC7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RR205762 representing NM_019246
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAAAGGGAGACAGAAAGTCCACGCTTGGATGCCCGCTGGCCCTGCCTATCTGCCTCTGTCTGG
 AATTAGCCATCTTCTTTCTGGTTCCCCAGGTCAATGGGCCAAGAGAGGCAGGTGGTCTTGACACCTTGGG
 TGCAGGGGGGCTAAGCTGGGCTGTACATCTGGACAGCCTAGAAGGTGAGAGGAAGGAAGAGAGTCTGATA
 CAACAGGCAAATGCTGTGGCCAGGCAGCGGGGCTGGTGAATGCTGGCGCATTGGAGAGCTCCAGGGGC
 ACTACCTCTTTGTCCAGCCAGCTGGGCACGGGCAAGCCATGGAGGCGGAGGCCATGCGGCAACAGGCAGA
 GGCTGTGTAGCCAAGCATGAAGCTGTGCGCTGGCACTCAGAGCAGAGGCTGCTGAAGAGGGCCAAGCGC
 AGCATCCACTTCAATGATCCCAAGTATCCTCAACAGTGGCACCTGAATAATCGGCGGAGCCAGGAAGAG
 ACATCAATGTGACAGGTGTGTGGGAGAGAAATGTAAGTGGGCGAGGGGTGACGGTGGTAGTGGTGGACGA
 CGGAGTGGAGCACACCGTCCAGGACATTGCACCCAATAAGCCAGAGGGAAGCTATGACCTCAACTCT
 AATGACCCAGATCCTATGCCCCACCTGATGAGGAGAACGGTAACCACTGGGACCCGGTGTGCAGGAG
 AAATTGCAGCTGTGCCAACAAACAGCTTCTGTGCAAGTAGGTGTGGCCTATGGGAGCCGAATAGCAGGTAT
 CCGGGTGTGGATGGACCACTCAGACAGTATGGAAGCTGTGGCATTCAACAAACTATCAGATCAAT
 GACATCTACAGCTGCAGCTGGGGCCCCGATGATGATGGGAAGACAGTGGATGGTCTCATCAGCTTGGGA
 AGGCTGCCTTACAACATGGAGTGTGGCTGGTCCGAAGGCTTTGGAAGTATCTTTGTGGTTGCCAGTGG
 TAATGGTGGCCAGCACAATGACAAGTCAACTATGATGGCTATGCCAACTCCATCTACACTGTCACCATA
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 TCAGTGGAGGAGACAAGATGCTGCGGAGCATTGTGACTACTGACTGGGACCTTCAGAAGGGCACTGGCTG
 CACTGAAGGCCACACAGGAACCTCAGCTGCAGCCCTCTAGCAGCTGGCATGATAGCTCTCATGCTGCAG
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 CGCCTGGAGACTTGTCAATGCAGCAAGATCTGGACGTCTGTCCCTTACTTAGCTTCTATGTCAGCCCC
 ATGCTGAAAGAAAATAAGGCTGTCCACGGTCCCCCACTCTCTGGAGGTCTATGGAATGTCAGCAGGA
 CGGACCTGGAGATGTCGGGGCTGAAGACCCTGGAACATGTGGCGGTGACAGTCTCCATCACTACCCACG
 ACGTGGCAGCTTAGAACTGAAACTGTTTTGTCCCAGTGGCATGATGTCTTTGATCGGCGGCCCCCGCAGC
 ATGGACTCGGACCCTAACGGCTTCAATGACTGGACATTTCCACTGTGCGGTGCTGGGGGAAAGAGCAA
 GAGGAGTCTACAGACTGGTTATCAGGGATGTAGGAGATGAGCCGCTCCAGGTGGGCATCCTCCAGCAGTG
 GCAGCTGACGCTGTATGGCTCCACGTGGAGTCCAGTAGACATCAAGGACAGACAAAGTCTCTTAGAAAGT
 GCTATGAGTGGAAAATACCTGCATGATGACTTCACTCTGCCTTGGCCACCTGGACTGAAAATTCCTGAGG
 AGGATGGTTACAGCATTACCCCTAACACACTCAAGACCCTTGTGCTGGTTGGCTGCTTCACTGTCTTCTG
 GACCATTTACTACATGCTAGAAGTGTGCCTGAGCCAGAGGAGCAAGGCTTCCACCCATGGCTGCAGGAGA
 GGATGTGCCCTGGCCCCACAAGCCAAAACCTCAAGGAAGTGGGACAGCACTAGAATCAATGCCAC
 TGTGCAGCAGCAAGGACCTGGATGGAGTGGATTAGAGCAGCGGGACTGCACAAGTGCCTTAGCTTGTCT
 GGCCCCAGAGCTGCTGGGGGAAGCTGACTGGAGTCTGTCCAGAACAGTAAGAGTACCTGGATTGCTCT
 CCCCACCAACCCAGACCTGAAGGATGGACAGATCTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR205762 representing NM_019246
Red=Cloning site Green=Tags(s)

MPKGRQKVPRLDARLGLPICLCLELAIFFLVPQVMGLTEAGGLDTLGAGGLSWAVHLDLSLEGERKEESLI
QQANAVAQAAGLVNAGRIGELQGHYLFVQPAGHGQAMEAEAMRQQAEAVLAKHEAVRWHSEQRLLKRAKR
SIHFNDPKYPQQWHLNRRSPGRDINVTGVWERNVTGRGVTVVVDDGVEHTVQDIAPNYSPEGSYDLNS
NDPDPMPHPDEENGHHGTRCAGEIAAVPNSFCAVGVAYGSRIAGIRVLDGPLTDSMEAVAFNKHYQIN
DIYSCSWGPDDDGTVDGPHQLGKAALQHGVMAGRQGFSGSIFVVASGNGGQHNDNCNYDGYANSIYVTI
GAVDEEGRMPFYAEECASMLAVTFSGGDKMLRSIVTTDWDLQKGTGCTEGHTGTSAAAPLAAGMIALMLQ
VRPCLTWRDVQHIIVFTATQYEDHRADWLTNEAGFSHSHQHGFLLNAWRLVNAAKIWTSPYLAASYVSP
MLKENKAVPRSPHSLEVLWNVSRTDLEMSGLKLEHVAVTVSITHPRRGSLELKLFCPSGMMSLIGAPRS
MSDPNGFNDWTFSTVRCWGERARGVYRLVIRDVGDEPLQVQILQQWQLTLYGSTWSPVDIKDRQSLES
AMSGKYLHDDFTLPCPPGLKIPEEDGYSITPNTLKTLLVVGCFSVFWTIYYMLEVCLSQRSKASTHGCR
GCCPWPQSQNSKEVGTALSMPLCSSKDLGVDSEHGDCCTASSLLAPELLGEADWSLSQNSKSDLDCP
PHQPPDLKDGQIC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

- 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_019246.1](#), [NP_062119.1](#)

RefSeq Size: 3485 bp

RefSeq ORF: 2352 bp

Locus ID: 29606

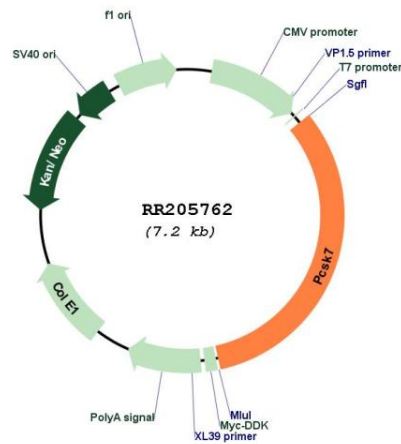
UniProt ID: [Q62849](#)

Cytogenetics: 8q22

MW: 85.6 kDa

Gene Summary: may play a role in protein processing and maturation [RGD, Feb 2006]

Product images:



Circular map for RR205762