

Product datasheet for **MC206483**

Pcsk7 (BC006730) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcsk7 (BC006730) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcsk7
Synonyms:	AA959856; PC7; SPC7
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC006730
 CACTGCTCACAGTGAAGGTGACATCTCCCTCCATTTTACAAGATGAGTGTGGTATGGTTACCCAGGCCA
 GGACCTAAACTTCACAGAGAGCCAGCCTGCTGTTCTGATGCCGAAAGGGAGGCAGAAAGTCCCACACTT
 GGATGCCACCTGGGCTGCCATCTGCCTTGCTGGTGAATTAGCCATCTTTTCTGGTCCCCAGGTC
 ATGGGCCATCAGAGGCAGGTGGCTTGACATCTTGGGCACAGGGGGCTGAGCTGGGCCGTACATCTGG
 ACAGCCTAGAAGGTGAGAGGAAGGAAGAGAGCTGACGCAACAGGCCGATGCTGTGGCCAGGCAGCAGG
 GCTTGTGAATGCTGGGCGCATTGGAGAACTCAGGGGCACTACCTTTTGTCCAGCCTACTGGGCATAGG
 CAAGCCATGGAGGTGGAGGCCATGCGGCAACAGGCAGAGGCTGTGTTAGCCAGGCATGAAGCTGTGCCT
 GGCACTCGGAGCAAACGCTGCTGAAGAGGGCCAAGCGCAGTATCCAATTCAATGATCCCAAGTACCTCA
 ACAGTGGCACCTGAATAATCGGGGAGCCAGGAAGAGACATCAATGTGACAGGTGTGTGGGAGCGAAAT
 GTAAGTGGGCGTGGGTGACAGTGGTGGTGGTGGATGACGGAGTGAACACACCGTCCAGGACATCGCAC
 CCAACTACAGTCCAGAGGAAGTTATGACCTCAACTCTAATGACCCAGATCCCATGCCCCACCTGATGA
 GGAGAATGGTAACCACATGGGACCCGGTGTGACAGGAAAATTGCAGCTGTGCCAACACAGCTTCTGT
 GCAGTGGGTGTGGCTACGGGAGCCGAATAGCAGGTATCCGGTGTGGATGGACCCTACTGACAGTA
 TGGAGGCTGTGGCTTCAACAAGCACTATCAGATCAATGACATCTACAGCTGCAGCTGGGCCCAGATGA
 TGATGGGAAGACAGTGGATGGTCTCATAGCTCGGAAAGGCTGCCTTACAACATGGAGTATGGCTGGT
 CGCCAAGGCTTTGGAAGTATCTTTGTGGTTGCCAGTGGTAAATGGGGGCCAGCACAATGACAACTGCAACT
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 TTATGCAGAGGAGTGTGCCTCCATGCTGGCAGTCACCTTCAGTGGTGGAGACAAGATGCTGCGGAGCATT
 GTGACCACTGACTGGGACCTTCAGAAGGGCACTGGCTGCACTGAAGGCCACACAGGAACCTCAGCTGCAG
 CTCCTCTGGCAGCTGGAATGATAGCCCTCATGCTGCAGGTGCGGCCCTGCCTCACATGGCGGGATGTACA
 GCACATAATTGTCTTACAGCCATCCAGTATGAAGATCATCATGCAGACTGGCTACCAATGAGGCTGGC
 TTCAGCCACAGCCATCAGCATGGTTTCCGCTGCTCAACGCTTGGAGACTTGTCAATGAGGCAAGATCT
 GGACATCTGTCCCTTACTTAGCCCTCATGTCAGCCCCATGCTGAAAGAAAATAAGGCTGTTCCGAGGTC
 CCCCCACTCTCTGGAGGTGCTATGGAATGTCAGCAGGACGGACCTGGAGATGTCGGGGCTGAAGACCTTG
 GAACATGTGGCAGTGACAGTCTCCATCACTCACCCACGACGTGGCAGCTTAGAACTGAAACTGTTTTGTC
 CCAGTGGCATGATGTCTTTGATCGGCGCGCCCCGAGCATGGACTCGGATCCTAATGGCTTCAATGCTTG
 GACCTTTTCCACTGTGCGGTGCTGGGGGAAAGAGCAAGAGGCGTCTACAGACTGGTTATCAGGGATGTA
 GGAGATGAGCCGCTCCAGATGGGCATCCTCCAGCAGTGGCAGCTGACCCTGTATGGCTCCATGTGGAGTC
 CAGTAGACATCAAGGACAGACAAAGTCTCTTAGAAAAGTGTATGAGTGGAAAATACCTGCATGATGGCTT
 CACCCTGCCTTGGCCACCTGGGCTGAAAATCCCTGAGGAGGATGGCTACACCATTACCCCTAACACTC
 AAGACCCTTGTGCTGGTAGGCTGCTTCAAGTGTCTTCTGGACTATTTACTACATGCTAGAAGTGTGCCTGA
 GCCAGAGGAACAAGGCTTCCACCATGGCTGCAGGAAGGGATGCTGCCCTGGGCCCCACGAAGGCAAAA
 CTCCAAGGATGCAGGGACAGCACTAGAATCAATGCCACTGTGCAGCAGCAAGGACCTGGATGGAGTGGAT
 TCAGAGCATGGGACTGCACAACGATCTAGCTTCTGGCCCCAGAGCTGGATTGCTCCACACCAAC
 CCCCAGACCTGCTGCAGGGGAAGAGCGGGCAGATTTGCTGACCCCAGAGCCCAGCTTCCCCATGTACAA
 CAGGCACTTCTAAACTCGGTTATGAGGCTTTCAATCGTGAAGCTCAGGAGGGAATGGTCTGATAGTG
 ACATCTGGGACCCAGGCTCTGAAGCATTTCAGCCTCCTCAGGAGGTTGAGGGCCATCTTAATGCAGT
 GATAAGGGACTGGTATCATGGCTTCTTAGTGAACCTGGCTGAGAACCCTTGGACAAGGATGGCACC
 AAGACCAGGCAGCCCTTGATTTCTCGCTCTCTGGAGTGTAGTGTCTTAGACCACAGGACCTCTAC
 TCATTCATGAGTTAGTTATGCAGCAAGTCCCTATATACCTAGAAAATGCTCTTGTGCAAGTGTCACTGCC
 AAGGGACAGAGAGGCTGCTAAGAGCCTGGACATGCCTACCCTGAAAGCAGCTGCCTTACCTTACCCTT
 TTCTGTGCGCCTGTTCTGAAGCCAACCTAAACCTGTCCACATCTTCACTACCATTGCGCCTTTCTGCTGA
 AGGAATGGTGACGTGTTCCAGGAGAACTGGGAGGCACAGGATCCAGCACCCTTGTGCCTCATTGGG
 GAAGTTGGCCAGCTGGACTTCAGAGAGCTAAGACACAGCATTTTCAAAGATAGCCTGGGAGCACTGTCTC
 TGACCACCTGTCTTCTCTGCACCGTGTGCTCAGGAAAATGGCTTCACTCCAGAGGCCAGCTGTCTGCCTG
 ACTTTTCTCCGTTCTTGGCCTTCTCCCTTCCCATCTTCTGAGCTAATTGTTAATGAATTTTTAAT
 GCTTAAGATTTGATTTTTACTTTTCAAAGCAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC006730

Insert Size:	2313 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>BC006730</u> , <u>AAH06730</u>
RefSeq Size:	3267 bp
RefSeq ORF:	2313 bp
Locus ID:	18554
Cytogenetics:	9 25.32 cM
Gene Summary:	Serine endoprotease that processes various proproteins by cleavage at paired basic amino acids, recognizing the RXXX[KR]R consensus motif. Likely functions in the constitutive secretory pathway.[UniProtKB/Swiss-Prot Function]