

Product datasheet for **RN204098**

Psmc2 (NM_033236) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psmc2 (NM_033236) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psmc2
Synonyms:	MSS1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204098 representing NM_033236 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCGGATTACCTAGGTGCAGACCAGCGGAAAACCAAAGAGGATGAGAAGGACGACAAGCCCATCCGAG
CTCTGGATGAAGGGGATATCGCCTTGTTGAAAACCTATGGCCAGAGTACTTATTCGAGGCAGATCAAGCA
GGTTGAAGATGACATTCAGCAACTTCTTAAAAAATTAATGAGCTCACTGGTATCAAAGAGTCCGACACT
GGGCTGGCCCTCCAGCCCTCTGGGATTGGCTGCAGACAACAGACACTTCAGAGTGAACAGCCGCTAC
AGGTTGCAAGATGTACCAAGATAATCAACGCCGATTTCAGAGGACCCGAAATACATCATCAACGTGAAGCA
GTTTGCCAAAGTTCGTGGTGGATCTCAGTGATCAGGTGGCACCTACTGACATTGAGGAAGGGATGAGAGTC
GGCGTGGACAGAAATAAATACCAAAATTCACATTCCTACTGCCTCCTAAGATTGACCCAACAGTTACCATGA
TGCAGGTGGAGGAAAAACCTGATGTACATACAGTGACGTTGGTGGCTGTAAGGAACAGATTGAGAAATT
GCGGGAAGTGGTTGAAACCCCTACTCCATCCAGAGAGGTTTGTAACTTGAATCGAGCCTCCGAAG
GGTGTGTTGTTATTTGGCCACCAGGCACAGGCAAGACCCTCTGTGCCAGGCAGTGGCCAATCGGACTG
ATGCTTGCTTCAATCCAGTTATCGGGTCTGAGCTTGTACAGAAGTACGTCGGTGAAGGGGCTCGAATGTT
TCGGGAGCTTTTGAATGGCCAGGACAAAAAGCCTGCCTATTTTCTTTGATGAAATTGATGCCATT
GGAGGGGCTCGGTTTGACGATGGCGCTGGGGGTGACAATGAGGTGCAGAGGACCATGTTGGAGCTCATCA
ATCAGCTGGATGGCTTTGATCCTCGGGCAACATCAAAGTGCTCATGGCCACTAACCGACCTGATACTCT
GGACCCAGCGCTGATGAGGCCAGGGAGGCTGGACAGAAAGATTGAGTTCAGCTTACCTGACTTAGAGGGT
CGAACGCACATCTTAAGATTATGCTCGCTCAATGAGTGTGAAAGAGACATCCGATTTGAGCTACTAG
CCCGCCTGTGTCCAAACAGTACTGGAGCGGAGATTAGAAGCGTTGCACAGAGGCTGGTATGTTTGAAT
CCGAGCCCGGAGAAAGATTGCTACAGAGAAGGACTTCTTAGAAGCTGTAATAAGGTCATCAAGTCGAT
GCCAAATTTAGTGCTACTCCCGCTACATGACATACAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online >](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_033236
Insert Size:	1302 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_033236.1</u> , <u>NP_150239.1</u>
RefSeq Size:	1403 bp
RefSeq ORF:	1302 bp
Locus ID:	25581
UniProt ID:	<u>Q63347</u>
Cytogenetics:	4q11
Gene Summary:	may play a role in ATP-dependent RNA/DNA unwinding [RGD, Feb 2006]