

## Product datasheet for **RN215250**

### **Psmc3 (NM\_031595) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Psmc3 (NM_031595) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psmc3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215250 representing NM_031595 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGGAAATGAATCTGCTGCCGACGCCCGAGAGTCCAGTGACTCGGCAGGAGAAGATGGCGACCGTGT  
GGGATGAAGCTGAGCAAGATGGCATTGGGGAGGAGGTGCTCAAGATGTCCACAGAAGAGATCGTCCAGCG  
CACACGGCTGCTAGACAGCGAGATCAAGATCATGAAGAGTGAAGTGTGCGAGTCAACCAGAACTCCAA  
GCCATGAAAGACAAAATCAAAGAGAACAGTGAGAAAATCAAAGTGAACAACACCCTCCCATACCTAGTCT  
CCAACGTTATTGAGTTGCTGGATGTTGACCCCAATGACCAGGAGGAGGATGGTGCCAATATTGACCTGGA  
CTCGCAGAGGAAGGGCAAGTGTGCACTGATCAAACTTCTACCCGACAAACGTAATCTGCCAGTGATT  
GGGTTGGTAGATGCCGAAAAGCTGAAGCCGGGAGACCTGGTGGGTGTGAACAAAGACTCCTATCTGATCC  
TGGAGACCCTGCCACCGAATATGACTCTCGGGTGAAGGCCATGGAGGTGGACGAGCGGCCACAGAGCA  
ATACAGTGACATTGGCGGCTGGACAAGCAGATCCAGGAGCTGGTGAAGCCATTGCTCTGCCTATGAAC  
CACAAAGAGAAGTTTGAACTTGGGTATCCAGCCCCAAAAGGAGTGTGATGTATGGGCCCTGGTA  
CAGGGAAGACTCTCCTCGCCGAGCCTGTGCTGCTCAGACCAAGGCCACCTTCTTGAAGCTGGCAGGCC  
TCAGCTGGTGCAGATGTTTATTGGAGATGGCGCCAAGCTGGTCCGTGATGCTTTTGCCCTGGCCAAGGAG  
AAGGCACCATCTATTATCTTTATAGATGAGTTGGATGCCATTGGCACCAAGCGCTTCGACAGTGAAGG  
CAGGGGACCGAGAGGTGCAGAGGACCATGCTAGAGCTCCTGAACCAGATGGATGGCTTCCAGCCCAACAC  
CCAAGTGAAGGTAATTGCAGCCACTAACAGGGTGGACATCCTGGACCCTGCCCTGCTCCGCTCAGGACGC  
CTAGACCGAAGATTGAGTTTCCAATGCCAATGAGGAGGCCCGAGCCAGAATTATGCAGATCCACTCAC  
GGAAGTGAACGTCAGTCTGATGTGAACATGAAGAGCTGGCTCGTGCCTGACTGACTTCAATGGGGC  
CCAGTGAAGGCCGTGTGTGGAGGCGGGTATGATCGCACTGCGCAGGGGTGCCACGGAGCTCACTCAC  
GAGGACTACATGGAGGGCATCTGGAGGTGCAGGCCAAGAAGAAAGCCAACTTCAGTACTATGCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_031595
Insert Size:	1329 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_031595.1</a> , <a href="#">NP_113783.1</a>
RefSeq Size:	1627 bp
RefSeq ORF:	1329 bp
Locus ID:	29677
UniProt ID:	<a href="#">Q63569</a>
Cytogenetics:	3q24
Gene Summary:	may be involved in ATP-dependent RNA/DNA unwinding [RGD, Feb 2006]