

Product datasheet for RN210286

Psmc1 (NM_057123) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psmc1 (NM_057123) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psmc1
Synonyms:	s4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210286 representing NM_057123 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGTCAAAGTCAGAGTGGTGGCCATGGTCTGGGGTGGCAAGAAGGATGACAAGGACAAGAAAAAGA
AATATGAACCTCCTGTCCAACTAGAGTGGGAAAAAGAAGAAGAAAACCAAGGGACCAGATGCTGCCAG
CAAAGTCCACTGGTAACACCTCACACCCAGTCCGCTGAAATTAAGCTGGAGAGAATAAAAGAC
TATCTTCTCATGGAGGAAGAATTCATTAGAAATCAGGAACAGATGAAACCACTAGAAGAAAAGCAAGAGG
AGGAAAGATCAAAGGTGGATGATCTTAGGGAAACCCCGATGTCTGTAGGAACCTTGAAGAGATCATCGA
TGATAATCACGCCATTGTGTCCACATCGGTGGGCTCAGAACACTACGTCAGCATCCTGTCAATTTGTAGAC
AAGGATCTGTGGAACCGGGCTGTTTCAGTCTGCTCAACCACAAGGTGCATGCTGTGATAGGGGTGCTCA
TGGATGACACGGATCCCCTGGTCAAGTGAAGGTGGAAAAGGCCCCAGGAAACCTATGCAGATAT
TGGGGACTGGACAACAGATCCAGGAAATTAAGGAATCTGTGGAGCTCCCTCTTACCCACCCTGAGTAT
TATGAGGAGATGGGGATAAAACCACCTAAGGGGTCTTCTACGGCCCGCCAGGAACAGGTAAAATC
TATTGGCCAAAGCAGTAGCGAACAGACTTACGCGACTTCTTGGGAGTGGTTGGCTCAGAGCTTATTCA
GAAGTACCTAGGTGACGGCCCAAGCTGGTCCGGGAGCTTCCGGTTCGCTGAGGAACACGCACCGTCC
ATTGTGTTTATTGATGAAATCGACGCCATTGGGACCAAAAGATATGATTCAAACCTCTGGAGGTGAGCGGG
AAATCCAGCGGACAATGTTGGAACCTGTTGAACAGTTGGATGGATTTGATTGAGGGGAGATGTAAGT
TATCATGGCCACAACCGAATAGAACTTTGGATCCAGCACTTATCAGACCAGGCCGATTGACAGAAAAG
ATCGAGTTCCTCCCTGCCTGATGAAAAGACCAAGAAGCGCATCTTCCAGATCCACACAAGCAGGATGACGC
TGGCTGATGATGTAACCTTGGATGACTTGATCATGGCAAAGGATGACCTCTCTGGGGCTGACATCAAGGC
AATCTGCACAGAGGCTGGCTTGATGGCTCTGCGGGAACGCAGGATGAAAGTGACAAACGAAGACTTCAAG
AAATCTAAGGAGAAGTCTGTATAAAAAACAAGAAGGCACCCCTGAGGGGCTGTATCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_057123
Insert Size:	1323 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_057123.1</u> , <u>NP_476464.1</u>
RefSeq Size:	1556 bp
RefSeq ORF:	1323 bp
Locus ID:	117263
UniProt ID:	<u>P62193</u>
Cytogenetics:	6q32
Gene Summary:	may play a role in ATP-dependent RNA/DNA unwinding [RGD, Feb 2006]