

Product datasheet for RN205898

Psmc5 (NM_031149) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psmc5 (NM_031149) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psmc5
Synonyms:	Sug1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205898 representing NM_031149 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGCTTGATGGCCAGAGCAGATGGAAGTGAAGAGGGGAAGGCAGGCAGTGGACTCCGTCAATATT
ATCTGTCCAAGATTGAAGAACTCCAGTTGATTGTGAATGACAAGAGTCAGAACCTCCGGAGACTGCAGGC
CCAGAGGAATGAGCTCAATGCAAAAGTTCGTCTGTTGCGGGAGGAACTGCAGCTGCTGCAGGAACAGGGC
TCCTACGTTGGAGAAGTCGTGAGGGCCATGGATAAGAAAAAGTGTGGTCAAGGTCATCCTGAGGGCA
AATTTGTTGTTGATGTGGACAAGAACATTGATATCAATGATGTGACACCAATTGTCGGGTGGCTCTAAG
AAATGACAGCTACACTCTGCATAAGATCCTGCCTAACAAAGTGGACCCCTTGGTATCACTAATGATGGTG
GAAAAGGTGCCAGACTCAACCTACGAGATGATTGGCGGGCTAGACAAGCAGATCAAGGAGATCAAAGAAG
TGATTGAGCTGCCTGTGAAGCACCTGAGCTCTTGAAGCCCTGGGCATTGCACAGCCAAAGGGAGTCTT
GCTATATGGACCCCGGGCACTGGGAAGACGTTGTTGGCCCGGGCTGTGGCTCATCATACGGACTGTACC
TTTATTCGTGTCTCTGGCTCTGAACTGGTACAGAAATTCATTGGGAAGGGCAAGAATGGTGAGGGAGC
TGTTTGCATGGCCCGAGAACATGCTCCCTCCATCATCTTCATGGACGAGATCGACTCTATCGGTTCTTC
ACGGCTGGAGGGAGGCTCTGGAGGCGACAGTGAGGTACAGCGCACAAATGCTGGAACCTCAACCAAGCTG
GATGGCTTTGAGGCCACTAAGAATATCAAGTTATCATGGCTACTAATAGGATTGATATCCTGGACTCTG
CCCTGCTTCGCTCGGGAGGATTGACAGGAAAATTGAATCCACCTCCCAATGAGGAGGCCCGGCTGGA
CATTTTGAATACTCACTCTCGGAAAATGAACTTGACCAGGGGGATCAACCTGAGGAAAATTGCTGAGTTG
ATGCCAGGAGCTTCAGGGGCTGAAGTGAAGGGCGTGTGCACAGAGGCCGGCATGTATGCTCTCGGGGAAC
GGCGTGTCCACGTTACTCAGGAGGACTTTGAGATGGCAGTAGCCAAGGTCATGCAAAGGATAGTGAGAA
AACATGTCCATCAAGAAGCTTTGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031149
Insert Size:	1221 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_031149.1</u> , <u>NP_112411.1</u>
RefSeq Size:	1288 bp
RefSeq ORF:	1221 bp
Locus ID:	81827
UniProt ID:	<u>P62198</u>
Cytogenetics:	10q32.1
Gene Summary:	may play a role in ATP-dependent RNA/DNA unwinding [RGD, Feb 2006]