

Product datasheet for **RN217697**

Psme4 (NM_001025140) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psme4 (NM_001025140) Rat Untagged Clone
Tag: Tag Free
Symbol: Psme4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217697 representing NM_001025140
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCTCCGGAGCGGGCGGGTGGCGGGAGCCCCGAGCCTGGCGGGCGGCCGGTACTGGGCCCG
GGGCTTCGTCCCGCAGAAAGAGATCGTGTACAACAAGCTTCTGCCCTACGCCGAGCGGCTGGACGCCGA
GTCCGACTTGACGCTGGCGCAGATCAAGAGCAACCTGGGCCGGCAGTGCAGCTCCAGGAGCTGTGGCCG
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GGGATTTGCCGCTCTTGTATCACTTATTAAGGAAAGGAACTTCTTTCAAGAGATGATTTAGAGTTA
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GTCAGTTATTTGAAATATTTCTCCTACCTCCCTTCTCCAGAAGTGCATCATAAAGGTTTTAACTTT
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TTCAGCAACAGCTGAATTTGAGGATTTGTGTTACAATTTATGGACAGATGCTTTGGACTAATAGAAAGT



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AGCACATTGGAGCAAACAAGGGAAGAGACAGAAACAGAGAAAATGACTCATTGGAGAGTTGGTTGAAT
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CTTGAGTCAACATTGAGTGGTGAAGGGGGTCTTTGTAGATGCATGCCGACTATGTGCTCAAGGT
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CTGAAACCTCTCACAGATGTGGATGAAGAAATTCAGAACCATGTCATGGAAGAAAATGGCATTGGTGAAG
AAGATGAACGGACTCAGGGCATTAACTCTTAAAAACCATATTGAAATGGCTTATGGCAAGTGCAGGAAG
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AATGACAATAGTTATGATGAGTTGAAAAGAGATGCAAAGCTCTGTTTATCACTAATGTCTCAGGGGTTGC
TCTACCCTCAGCAAGTGCCTTTGATACTCAGGTGCTAAGCCAGACAGCAAGAAGCAGTTCTTGGCATGC
AAGATATACAGTGTGACCTACCTCCAGACCATGGTATTTTATAACCTCTTATTTTCTAAACAATGAA
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TGGCTGCTACTACCTAAGTGGTTTGTACAGTGTAACTTCTTACCATGGACAGTGTATGCAGAGTCA
TTTTGAGCAACTTTGAAAACATAAACTACCCAAGAAAAGAAAACGAGACCCTGGTTCTGTGGGAGATACC
ATTCTTCTGCAGAGTTGGTCAAACGTCATGCTGGTGTGCTTGGACTTGGTGCATGTGTTCTTCTAGCC

CTTATGATGTTCTACCTGGATGCCCCAGCTCCTTATGAATCTCAGTGCACATTTGAATGATCCTCAGCC
TATTGAAATGACTGTCAAGAAGACCTTATCCAATTTCCGAAGGACACATCATGACAACTGGCAAGAACAC
AAGCAGCAGTTCACTGATGACCAGCTGCTGTCTCACTGACCTCCTTGTGTCCACCATGCTATTATGCAT
AG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001025140
Insert Size:	5532 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001025140.2, NP_001020311.2</u>
RefSeq Size:	7327 bp
RefSeq ORF:	5532 bp
Locus ID:	498433
Cytogenetics:	14q22