

Product datasheet for RN212642

Psm4 (NM_031331) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psm4 (NM_031331) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psm4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212642 representing NM_031331 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTGGAGAGCACTATGGTTTGTGTGGACAACAGTGAGTACATGCGGAATGGAGACTTCCTTCCCA
CCCGGCTGCAGGCCAGCAGGATGCTGTCAACATTGTATGTCCTCAAAGACCCGAAGCAACCCTGAGAA
TAACGTGGGCTTGATCACGCTGGCCAATGACTGTGAGGTGCTGACCACACTCACCCCTGACTGGCCGA
ATCCTCTCCAAGCTCCACTGTCCAGCCCAAAGGCAAGATCACCTTCTGCACTGGCATCCGCGTGGCCC
ATCTGGCTCTGAAGCACCGGCAGGGCAAGAATCAAGATGCGCATCATCGCTTCGTGGGTAGCCCTGT
GGAGGACAACGAGAAGGATCTGGTGAAACTAGCTAAACGCCTTAAGAAAAGAAAAAGTGAATGTTGACATC
ATCAATTTTGGGAAGAGGAGGTGAACACAGAGAAGCTGACAGCCTTTGTGAACACATTAACGGCAAGG
ACGGAAGTGGATCACATCTAGTGACAGTGCCTCCTGGGCCAGCCTGGCCGATGCTCTCATCAGTTCTCC
TATTCTAGCTGGGAAGGCGGCCATGCTGGTCTTGGTGCCAGTGACTTTGAGTTTGGAGTAGATCCC
AGTGCTGATCCTGAATTGGCCCTGGCCCTTCGTGTCTCTATGGAAGAGCAGCGGCAGCGGAGGAGG
AGGCACGACGGGCTGCTGCAGCCTCTGCAGCTGAGGCTGGAATTGCCACACTGGGACTGAAGGTGAACG
AGACTCAGATGATGCCCTACTGAAGATGACCATCAGCCAGCAGGAGTTTGGCCGTGCGGGGCTTCTCTGAC
CTAAGCAGCATGACAGAGGAAGAGCAGATTGCCTATGCCATGCAGATGTCCCTGCAGGGAGCAGAGTTTG
GCCAAGCAGAATCAGGGGACATCGATGCCAGCTCAGCCATGGACACATCTGAGCCAGTCAAGGAGGAGGA
TGACTATGACGTGATGCAGGACCCAGAGTTCTTCAGAGCGTCTCAGAGAACCTTCCCGGTGTGGATCCC
AACAAATGAAGCCATTCGAAATGCAATGGGCTCTCTGGCCTCCCAGGCCACCAAGGATGGCAAGAAGGACA
AGAAAGAGGAAGAGAAGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_031331
Insert Size:	1143 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_031331.1</u> , <u>NP_112621.1</u>
RefSeq Size:	1334 bp
RefSeq ORF:	1143 bp
Locus ID:	83499
Cytogenetics:	2q34
Gene Summary:	inhibits cholera-induced intestinal fluid secretion [RGD, Feb 2006]