

Product datasheet for **RN210111**

Pim1 (NM_017034) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pim1 (NM_017034) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pim1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210111 representing NM_017034 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTCTTGTCCAAGATCAACTCCCTGGCCCACCTGCGCGCAGCCCTTGCAACGACCTGCACGCCAACAA
AGCTGGCGCCGGCAAAGAGAAGGAGCCCTGGAGTCGAGTACCAGGTGGGCCCGCTGTTGGGCAGCGG
TGGCTTCGGCTCGGTCTACTCGGGCATCCGCGTCGCCGACAACCTGCCGGTGGCCATCAAGCACGTGGAG
AAGGACCGGATTTCCGACTGGGGGAACCTGCCAACGGCACCCGAGTGCCCATGGAAGTGGTCTGCTGA
AGAAGGTGAGCTCGGGCTTCTCGGGCGTATTAGACTTCTGGACTGGTTCGAGAGGCCCGATAGTTTCGT
GCTGATCTGGAGAGGCCGAACCCGTGCAAGACCTTTCGACTTCATCACCGAGCGAGGAGCCCTCCAG
GAGGAGCTGGCCCGGAGCTTCTTCTGGCAGGTGCTGGAGGCCGTGCGGCATTGCCACAACCTGCGGGGTT
TCCACCGCGACATCAAGGACGAGAATCTTAATCGACCTGAACCGGGCGAACTCAAACCTATCGACTT
CGGGTTCGGGGCGCTGCTCAAGGACACAGTCTACACGGACTTTGACGGAAACCCGAGGTACAGTCTCCCA
GAGTGGATTTCGCTACCATCGCTACCACGGCAGGTCCGCTGCTGTTGGTCCCTGGGGATCCTGCTCTATG
ACATGGTCTGCGGAGATTTCCATTTGAGCAGCAGCAAGAGATCGTCAAGGGCCAAGTGTACTTTAGGCA
AAGGGTCTCTTCAGAATGTCAACATCTTATTAGATGGTGGCTGTCCCTGAGACCATCGGACCGGCCCTCC
TTTGAAGAAATCCAGAACCATCCGTGGATGCAGGATGTTCTCCTGCCCCAGGCCACCGCCGAGATTATC
TGCACAGCCTGTACCATCACCCAGCAAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_017034
Insert Size:	942 bp



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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:	NM_017034.1 , NP_058730.1
RefSeq Size:	1302 bp
RefSeq ORF:	942 bp
Locus ID:	24649
UniProt ID:	P26794
Cytogenetics:	20p12
Gene Summary:	serine threonine protein kinase; 2.8 kb transcript is detected in somatic cells and a 2.3 kb transcript using an alternate polyadenylation signal is expressed in testis [RGD, Feb 2006]