

## Product datasheet for **RN204722**

### Pir (NM\_001009474) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pir (NM_001009474) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pir
Synonyms:	MGC109484
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204722 representing NM_001009474 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGTCCTCTAAAAAGTTACTCTCTCCGTCCTCAGCCGGGAACAGTCAGAGGGGTTGGAGCACGGG  
TGCGCAGAAGCATTGGCGGACCTGAGTTGAAAATGCTGGATCCATTTTGGCTGTTTATGAAATTTAAAGG  
AGGAAGGCCGGGAGGATTCCTGATCATCCACACCGAGGATTTGAAACAGTATCTTATCTCTAGAAGT  
GGCAGCATGGCCATGAAGACTTCTGTGGACATGTTGGTAAAATGAACCCAGGAGACCTACAGTGGATGA  
CTGCAGGACGAGGCATTCTACATGCTGAGATGCCCTGCTCAGAGGAGCCAGCCCATGGCTTACAGCTCTG  
GGTGAATTTGAAACGCTCAGAAAAGATGGTGGAGCCTCAGTACCAGGAAGTAAAAGTGAAGAGATCCCG  
AAACCCAGCAAAGATGGTGTGACAGTCGCTGTCATTTCCAGGAGAAGCCTTGGGAATAAAGTCAAGGTTT  
ACACTCGCACACCAACCTTATATCTGGACTTCAAGTTGGACCAAGGAGCAAAGCATTCCCAGCCTATTCC  
TAAAGGGTGGACAAGCTTCAATTTATACCATCTCTGGAGATGTGTATTTGGGCCTGATGATGCTCAACAA  
AAGATAGAACCGCATCGCACAGCAGTGTCTGGAGAAGGTGACACTGTCCAGTTGGAAAATAAGGATCCCA  
AAAGAAGTCATTTTGTCTTAATTGCCGGGAGCCATTAAGAGAACCAGTTGTCCAACATGGTCCGTTTGT  
GATGAATACCAATGAGGAGATTTCTGAGGCCATTCTTGATTTTCAGGAATGCAAAAAATGGTTTTGAGGGG  
GCCAAAACCTGGAAGTCAAAGATTGAAAACCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001009474
Insert Size:	876 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001009474.1</a></u> , <u><a href="#">NP_001009474.1</a></u>
<b>RefSeq Size:</b>	1537 bp
<b>RefSeq ORF:</b>	876 bp
<b>Locus ID:</b>	363465
<b>UniProt ID:</b>	<u><a href="#">Q5M827</a></u>
<b>Cytogenetics:</b>	Xq14
<b>Gene Summary:</b>	Transcriptional coregulator of NF-kappa-B which facilitates binding of NF-kappa-B proteins to target kappa-B genes in a redox-state-dependent manner. May be required for efficient terminal myeloid maturation of hematopoietic cells. Has quercetin 2,3-dioxygenase activity (in vitro) (By similarity).[UniProtKB/Swiss-Prot Function]