

## Product datasheet for RN215625

### Pon1 (NM\_032077) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pon1 (NM_032077) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pon1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215625 representing NM_032077 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGAAACTGCTAGGGCTCACCCCTCGTGGGACTGGTGTGGCACTTTACAAGAACCATCGGTCTTCCT  
ATCAAACAAGATTAAATGCTTCCGTGAAGTAACACCGGTAGATCTTCTAACTGACTTTAGTTAAAGG  
AATCGAAGCGGGTCTGAAGACTTAGAGATTCTGCCTAATGGACTAACTTTCTTAGCACAGGGTTAAAG  
TATCCTGGAAATAAAAAGTTTCGATCCCAGTAAGCCTGGAAAAATACTTCTGATGGACTTGAATGAGAAGG  
AGCCAGCAGTGTGAGAATTAGCAATTATGGGAAATACGTTGGATATGTCTTCATTTAACCCATGCGGAT  
TAGCACATTCATAGATGAAGATAACACTGTGTACTACTGGTGGTAAGCCACCCAGACTCCTCGTCCACC  
GTGGAGGTGTTTAAATTTCAAGAAGAGGAAAGTCACTTTTGCATCTGAAAACCATCACCCATGAACTTC  
TGCCTAGCATCAACGATATAGCTGCTGTTGGACCTGAGAGCTTCTATGCCACAAATGATCACTATTTTGC  
TGACCCATACTTACGGTCTGGGAAATGTACTTGGCCTGTCATGGTCCAATGTTGTATACTACAGTCCA  
GATAAAGTCCGAGTGGTAGCAGATGGATTTGATTTGCTAATGGCATTGGCATTTCCTTGATGGCAAGT  
ATGTCTATATCGCTGAATTGCTGGCTCACAAAGATTCACGTGTATGAAAAGCATGCTAATTGGACTTAAAC  
GCCATTGAAGGTCTCAGCTTTGACACCCCTTGGGATAACATCTCTGTGGATCCTGTGACAGGGGACCTC  
TGGGTTGGATGCCATCCAATGGGATGAGGATTTTTTCTATGACTCGGAGAATCCTCCTGGCTCAGAGG  
TGCTTCGGATCCAGAGCATTTTATCCGAAGACCCCAAAGTAACTGTAGTTTATGCAGAGAATGGCACGGT  
GTTGCAAGGTACGACAGTCGCTGCTGTGTACAAAGGAAAAGTCTGATTGGAACGGTGTCCACAGAGCT  
CTTTGTTGTGACCTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_032077
Insert Size:	1068 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>	<a href="#">NM_032077.1</a> , <a href="#">NP_114466.1</a>
<b>RefSeq Size:</b>	1322 bp
<b>RefSeq ORF:</b>	1068 bp
<b>Locus ID:</b>	84024
<b>UniProt ID:</b>	<a href="#">P55159</a>
<b>Cytogenetics:</b>	4q13
<b>Gene Summary:</b>	may protect LDL and HDL from oxidation and provide protection against atherosclerosis [RGD, Feb 2006]