

## Product datasheet for **RN200686**

### **Pon2 (NM\_001013082) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pon2 (NM\_001013082) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pon2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN200686 representing NM\_001013082  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGGCCGGCTGGTGGCTCTGAGTTTCTAGGCATCGGGCTGGCGCTTCTGGCGAGCGGTTCTTGGCGC  
TCAGAAGTCGACTTAAAGCCTCCAGAGAAGTAGAATCTGTAGACCTTCCAACTGCCGCCTCATTAAGG  
AATTGAACTGGCGCTGAGGACATTGACATTCTCCCAATGGTCTGGCATTCTTTAGCGTGGCCCTCAAG  
TTTCCAGGACTTCACAGCTTTCACCAGACAAACCTGGAGGGATACTGATGATGGATCTCAAAGAGGAGA  
AACCAAGAGCACTGGAGTTAAGAGTCAGCTGGGCTTTGATTTGGCTTCATTCAACCCACATGGCATTAG  
CACTTTTCATAGATGATGATGATACAGTTTATCTCTTTGTTGTGAACCACCCAGAATTCAAGAATACAGTG  
GAAATTTTTAAATTTCAAGAAGAAGAAAATTTCTCTGCTGCACCTGAAAACAATTAACATGAGCTCCTTC  
CAAGTGTGAATGATGTCATAGCTGTTGGGCCCTCCCACTTCTACGCCACCAATGACCACTACTTCTCCGA  
CCCTTTCTGAAGTATTTGGAAACATACTGAACCTACGTTGGGCAAATGTTGTTTACTACAGTCCAGAA  
GAAGTTAAGCTGGTGGCAGAAGGATTCGACTCAGCCAACGGGATCAACATTTACCTGATAAAAAAGTATG  
TTTACGTTGCTGACATATTGGCTCATGAAATCCATGTTTTGGAAAAACAGCCTAATATGAATTTAACTCA  
ACTAAAGGTTCTGCAGTTGGGCAGCTGGTGGACAATTTATCTATTGATCCTTCTCAGGCGACATCTGG  
GTCGGCTGTACACCTAACGGCCAGAAGCTTCTCGTGTACGCCGAACCATCCTCCCTCGTCAGAGGTTTC  
TCCGAATTCAGAACATTCTATCCGAGAAGCCATCGGTGACGACAGTGTACATCAACAACGGGTCTGTCTT  
CCAGGGTAGTTCTGTGGCAACCATATATGACAGGAACTTCTTGTAGGCACTTTATACCAGAGAGCTTTG  
TACTGTGAACCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001013082  
**Insert Size:** 1065 bp



[View online »](#)

<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_001013082.1</a></u> , <u><a href="#">NP_001013100.1</a></u>
<b>RefSeq Size:</b>	1782 bp
<b>RefSeq ORF:</b>	1065 bp
<b>Locus ID:</b>	296851
<b>UniProt ID:</b>	<u><a href="#">Q6AXM8</a></u>
<b>Cytogenetics:</b>	4q13
<b>Gene Summary:</b>	Capable of hydrolyzing lactones and a number of aromatic carboxylic acid esters. [UniProtKB/Swiss-Prot Function]