

Product datasheet for **RN200729**

Pon3 (NM_001004086) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pon3 (NM_001004086) Rat Untagged Clone
Tag: Tag Free
Symbol: Pon3
Synonyms: MGC95026
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200729 representing NM_001004086
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGAAGCTAGTGGCGCTGACCGTGCTGGGGCCAGTTGGCCTTACTGGGGAAAGGCTTCTGAATT
TTAGAGAACGAGTTAGTACCTCTCGAGAAATAAGCCACAGAACCACAGAAGTCCACTTGATTGAGGG
ACTTGAGAATGGCTCTGAAGATATTGATATACTCCTAGTGGCTGGCTTTTATCTCCACCGGACTAAAA
TATCCAGGTATGCCAAGCTTTGCCACGACAAGCCAGGAAGAATCTTCTGATGGATCTGAATGAGCCAT
ACCCAAAGGCACAAGCACTGGAAATCAGTGATGGGTTTCGACCAGGACTCACTGAATCCCCATGGGATCAG
CACTTTTCATCGACAAAGACAACACTGTGTATCTTTATGCTGTGAATCACCCCCACATGGACTCCACGGTG
GAGATATTTAAGTTTGAAGAACAACCGGTTCTCTCGTCCACCTGAAAACCATAAAAACATGAGCTTTTCG
AGAGTGTGAATGACATTGTGGTCTTGGGCCAGAGCAGTTCTATGCTACAAGAGACCACTACTTTACCAG
TCATTTCTTGGTACTTCTGGAGATGATCTTGGACCCTCACTGGACTTCTGTTCTTTTCTACAGCCCCAAA
GAGGTCAAAGTAGTAGCCCAAGGATTTAGTTCTGCCAATGGGATCACAGTCTCACTAGACCAAGAATATG
TCTATGTAGCTGATGAACAGCTAAGAACATTCACATAATGAAAAACACAATAATTGGGATTTAACTCC
AGTGAAGTAATTCAGCTGGGCACCTTAGTGGATAACCTGACTGTTGATCCAGCCACCGGAGATATTTTG
GCAGGATGCCATCCTAACCCCATGAAGCTCTTGATCTATAACCCGGAGGATCCCCAGGATCAGAAGTAC
TACGCATCCAGGATCCTTTGTCAGATAACCCCGGGTGAGCACACTGTATTGCAACAACGGCTCTGTGCT
TCAGGGCAGCACCGTGGCTTCTGTGTATCATAAAAAATGCTCATAGGCACAATATTTACAAAGCTCTC
TATTGTGAACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001004086



Insert Size:	1065 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_001004086.1</u> , <u>NP_001004086.1</u>
RefSeq Size:	1479 bp
RefSeq ORF:	1065 bp
Locus ID:	312086
UniProt ID:	<u>Q68FP2</u>
Cytogenetics:	4q13
Gene Summary:	microsomal paraoxonase that has esterase activity on a broad range of substrates [RGD, Feb 2006]