

Product datasheet for MC214293

Pon3 (NM_173006) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pon3 (NM_173006) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pon3
Synonyms:	2810004E20; A1786302
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214293 representing NM_173006 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGAAGCTTGTGGCGCTGACCTTGCTGGGAGCCTGTCTGGCCTTAATAGGGGAAAGGCTGCTGAATT
TTAGAGAACGAGTTAGTACAACCTCGAGAAATAAGGCCACAGAACCACAAAAGTCCACCTGATTGAGGG
CCTCGAGAATGGCTCTGAAGATTTGATATACTTCTAGCGGGCTGGCTTTTATCTCCACTGGATTA
TATCCGGCATGCCAGCGTTTGCACCGGACAAACCAGGAAGAATCTTTCTGATGGATCTGAATGAGCAA
ACCCAGAGGCGCAAGCACTGGAAATCAGTGGTGGGCTTGACCAGGAGTCACTAAATCCTCACGGGATCAG
CACTTTCATCGACAAAGACAACACTGCTTATCTTTATGTCGTGAATCACCCCAACATGGACTCCACTGTG
GAGATATTTAAGTTTGAAGAACAACAACGCTCTCTCATCCACCTGAAAATCTAAAAATGAACCTCTCA
AGAGTGTGAATGACATTGTGGTTCTTGGGCCAGAGCAGTTCTATGCCACAAGAGACCATTACTTTACCAG
TTATTTCTTGGTACTTCTGGAGATGATCTTGGACCCTCACTGGACTTCCGTCGTTTTCTACAGCCAAAA
GAGGTCAAAGTTGTGGCCCAAGGATTGAGTTCTGCCAACGGAATCACAGTCTCACTAGACCAGAAGTTT
TCTATGTAGCTGATGTAACAGCTAAGAATTACATAATGAAAAACATGATAATTGGGATTTAACTCC
AGTGAAGTCACTCAGCTGGGAACCTTAGTGGATAAAGTACCCTGAGGATCCTCCAGGGTCAGAAGTAC
GCAGGCTGCCACCCTAACCCATGAAGCTGTTGATCTATAACCCTGAGGATCCTCCAGGGTCAGAAGTAC
TACGCATCCAGGACTCTTTGTGAGATAAGCCAGGGTGAGCACACTGTATGCGAACAACGGCTCTGTGCT
TCAGGGCAGCACCGTGGCTTCTGTGATCATAAGAGAATGCTCATAGGACTATATTTACAAAAGCTCTG
TACTGTGACCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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ACCN:	NM_173006
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_173006.1</u> , <u>NP_766594.1</u>
RefSeq Size:	1784 bp
RefSeq ORF:	1065 bp
Locus ID:	269823
UniProt ID:	<u>Q62087</u>
Cytogenetics:	6 1.99 cM
Gene Summary:	Has low activity towards the organophosphate paraxon and aromatic carboxylic acid esters. Rapidly hydrolyzes lactones such as statin prodrugs (e.g. lovastatin). Hydrolyzes aromatic lactones and 5- or 6-member ring lactones with aliphatic substituents but not simple lactones or those with polar substituents (By similarity).[UniProtKB/Swiss-Prot Function]