

Product datasheet for **MC205558**

Pon2 (NM_183308) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pon2 (NM_183308) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pon2
Synonyms:	6330405I24Rik; AI481612
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC055896
 CGCGGCTCCGCGCTCGGGCGGGGAGCTGGCCAGCGTCCGGAGCTGCTCGGTCAGGCCCGAGCCAGACG
 GCGGGCCGGTCCCACCATGGGCCGGATGGTGGCTCTGAGTTTCTGGGCATCGGGCTGGCGCTGCTGG
 GCGAGCGGTTCTAGCGCTCAGAAGTCGACTTAAAGCCTCCAGAGAAGTAGAATCTGTAGACCTTCCAAA
 CTGCCACCTCATTAAAGGAATCGAACTGGAGCTGAGGACATTGACATTCTTCCCAATGGCCTGGCTTTC
 TTTAGCGTGGGCTCAAGTTTCCAGGGCTCCACAGCTTTCACCGGATAAGCCTGGAGGGATACTGATGA
 TGGATCTCAAAGACGAGAGACCCGAGGGCGCTGGAGTTAAGAGTCAGCTGGGGCTTTGATCTGGCTTCGTT
 TAACCCACATGGCATTAGCACTTTCATAGATGACGATGATACAGTTTATCTCTTTTGTAAACCACCCA
 CAATTC AAGAGTACAGTGAAATTTTTAAATTTCAAGAAGAAGAAAATTCTCTGTGCACCTGAAAACAA
 TTAACACGAGCTCCTTCCAAGTGTGAATGACATCATAGCTGTTGGGCCACCCACTTCTACGCCACCAA
 TGACCACTACTTCTCGACCTTTCTTGAAGTATTTGGAGACATACTTGAACCTACACTGGGCAAAATGTT
 GTTTACTACAGTCCAGAAGAAGTAAACTGGTGGCAGAAGGATTTGATTCCGCCAACGGGATCAATATTT
 CACCTGATAAAAAGTATGTCTACGTTGCTGACATACTGGCCATGAAATCCATGTTTTGGAAAAACAACC
 TAATATGAATTTAACTCACTAAAGTTCTGCAGTTGGGCACGCTGGTGGACAATTTATCTATTGATCCT
 TCCTCGGGCGACATCTGGGTCGGCTGTACCCTAATGGACAGAGGCTCTTCGTGTACCACCCGAACCATC
 CTCTGCATCAGAGGTCCTCCGCATTAGAACATTCTATCCGAGAAGCCATCAGTGACAACGGGTGTATAT
 CAACAACGGGTCTGTCCTCCAGGGAAGTCTGTGGCGACCATATATGATAGGAAACTTCTCGTAGGCACT
 TTATACCAGAAAGCCTTGTACTGTGAECTAAATTTGATTTTTGGCATGCAAGTGCAGTACTAGGTTGTAAC
 AAAATAATCTTTTGATTAAGGGCCAATTCTGAGGGAATTTAACCATCAGTACTGACCTAGTAATATACCA
 CATTTGTAGCTCCTTTTATTTCAATAAGGAAAGGCCTTGAATTTCTGATGCGCTTTTAGCATCAAAGAA
 AATGAATATATTATTGGCTGT
 GGGAGAAAGAAGAAAGCTGCTTTTCTATGAAGTGAACGCAGTTTGCACAGAGGGGCTTCCCTCCGTGC
 CTCCACCAGTAAGAGTCCACTGAAGCAGGGAGTGTGTTAAACAGTCTGCGCCTCGGTCTCCAGGCTGC
 GCCTGCTGGGCTTGTGCAGGACTACTGATAGATAACACTTGATGTTTTCTACATCCGGCTTTGTTACT
 GATTTACAAGTTAGGAGTGTATTCAAGACTAATCAAAATCCGGGGAGTTGTTTGTGTTTAAATCCCAAGG
 GAAATCTCTGGAGAGGGTGAAGCTAGAAAGTACTCTAGGGCATTCTGGTTGGACAGGAATCAATGGCCA
 TGTTAATTTCTCATGAAAGCTCTATGTAAGGGGCTCTTTATTGGAAAAATAAAATAAACCAACCGAATA
 CTGTAGCTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_183308

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:

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: [BC055896](#), [AAH55896](#)

RefSeq Size: 1849 bp
RefSeq ORF: 1065 bp
Locus ID: 330260
UniProt ID: [Q62086](#)
Cytogenetics: 6 1.99 cM
Gene Summary: Capable of hydrolyzing lactones and a number of aromatic carboxylic acid esters.
[UniProtKB/Swiss-Prot Function]