

Product datasheet for **SC207986**

PON1 (NM_000446) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PON1 (NM_000446) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PON1
Synonyms: ESA; MVCD5; PON
ACCN: NM_000446
Insert Size: 1298 bp
Insert Sequence: >SC207986 3'UTR clone of NM_000446

The sequence shown below is from the reference sequence of NM_000446. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTTCACAAAGCTCTTTACTGTGAGCTCTAACAGACCGATTTCACCCATGCCATAGAAAAGTGGCCAT
TATTTCAACCGCTTGCCATATTCGAGGACCCAGTGTCTTAGCTGAACAATGAATGCTGACCCCTAAAT
GTGGACATCATGAAGCATCAAAGCACTGTTAACTGGGAGTGATATGATGTGTAGGGCTTTTTTTGAG
AATACACTATCAAATCAGTCTTGAATACTTGAAAACCTCATTTACCATAAAAAATCCTTCTCACTAAAA
TGGATAAATCAGTTATGTCAATTGTGAGATATTAATAACAGTGTGTGACCCCAAAAGTACTTACCCTA
AAACATGTGTTGCCTGGAAGCACATGTGTGATCGCTGCCTTGCCATGTCTTGTTGAGAAGACACAGGG
GAGCAGGGTTAGCTCACGTGTCTTTAGAACTCCAGTACTACCCAGGGACTCCAGTTCACAGGCCAGAA
AACATATGCATTATGAAGTCCCTCTACTCCATGCACATAGTAAGTCTGACTATGGCAGTCAGACTTA
CTTACTCCATTTCCCTTCGATATATGACTTTTTCTCAGTAAATATTAACCTGAATTATCCAACCTCC
CCTTGACTCTTGCTTTTTCAATTCTCCTGTTGCAATGACACATAGGAAAATCTTAAAATCTTGGGAG
TGTGTGCACACCTGAAAATTATGAGTCTCTATGATCCTGGCACAATTGTACATTTGAGTGTCTTTGAC
TTGGTTAAAGGAAGTTTGTTCACCTCGATGACTGGATACAGAATGAATCCATAATTGACATGGGCGAA
GCTAAAAGTGTCCCAAAGACTACACTGTTGTTGAGGTGGTGGTGTGCTGGTGGTTTTTGTAAATA
TTTAAACTTCTTGTGTGGAGGCTGAAAAGAAAAAATAATAGAAAGGTAACAAACAAATAAATAGA
AAAGATCAACAACCCCTTTGGCTATCTACTGAGACATGACTAGGAAGAAAACATGACTTTATCATTTTG
TTATAGAAACTGATATATAAAGGTTACACATTTTCATTTATTTGTTTTCTGATTGAAGGTATAACCT
TCATGATGAATTACTTCTCAGGGTGTAAAGGCAGTGACTTTAGAAACAAATTTTTCTGTTTTTGT
TTTTTTTTGAGACCGAATCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGTGGCATCTTGCTCACTG
CAACTTACCTCCGAGGTTCAAGAGATTCTTGTGCCTCAGCCTCCCGGATAGCTG
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_000446.7
Summary:	This gene encodes a member of the paraoxonase family of enzymes and exhibits lactonase and ester hydrolase activity. Following synthesis in the kidney and liver, the enzyme is secreted into the circulation, where it binds to high density lipoprotein (HDL) particles and hydrolyzes thiolactones and xenobiotics, including paraoxon, a metabolite of the insecticide parathion. Polymorphisms in this gene may be associated with coronary artery disease and diabetic retinopathy. The gene is found in a cluster of three related paraoxonase genes on chromosome 7. [provided by RefSeq, Aug 2017]
Locus ID:	5444
MW:	49.1