

Product datasheet for **SC200778**

PON3 (NM_000940) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PON3 (NM_000940) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PON3
ACCN:	NM_000940
Insert Size:	131 bp
Insert Sequence:	>SC200778 3'UTR clone of NM_000940 The sequence shown below is from the reference sequence of NM_000940. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTTCACAAAACCTGTACTGTGAGCTCTAGACTCTAGATAGTAAAAAAAAAAAAAAAAAAGTCTACATAT TTTGTAAGTAACTGATAATTGTATGATAAGTGGCACTGTAAGTAAATAGCAAACACCAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_000940.3



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Summary: This gene is a member of the paraoxonase family and lies in a cluster on chromosome 7 with the other two family members. The encoded protein is secreted into the bloodstream and associates with high-density lipoprotein (HDL). The protein also rapidly hydrolyzes lactones and can inhibit the oxidation of low-density lipoprotein (LDL), a function that is believed to slow the initiation and progression of atherosclerosis. Alternatively spliced variants which encode different protein isoforms have been described; however, only one has been fully characterized. [provided by RefSeq, Jul 2008]

Locus ID: 5446

MW: 5.2