

## Product datasheet for **SC213502**

### coproporphyrinogen oxidase (CPOX) (NM\_000097) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** coproporphyrinogen oxidase (CPOX) (NM\_000097) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CPOX  
**Synonyms:** COX; CPO; CPX; HARPO; HCP  
**ACCN:** NM\_000097  
**Insert Size:** 1267 bp  
**Insert Sequence:** >SC213502 3'UTR clone of NM\_000097  
 The sequence shown below is from the reference sequence of NM\_000097. 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
CTACGCCATCCAAGGGACTGGGTGCGTGTATGTCAGGCAGAATGGCTGTGCAGGGGTTTGAGGGCACAC
GATGTGTGCTCCCATGCCACTGGTCGGCACTTTGCCACTGTGTGCAGTTACCCGTGCCTTAGTCTTC
TCCACTCTGCACCTACCTCGTGGCAGATGATAACATGTTTTGGATGCTGTCAGTGATGAATGGTGAG
ATGGCAGATTGTCAAGTCAATTGATTAACCTCATTATACTTCTAGTGCATTTTATATGACTAGTT
TACAAAATAGGACATTGAGTTTCCAAGTATTGAGATAAGGGAATATAAATAGTATTATATGTATCAGGA
AATCTCTCATCTGTTTTGTTTCATGTATTTTTAAAGTTTTTCATTTGTGCCACAAAAATCTGTCGTG
GAATATATTTTATTTTCATTAATTCAGTGAAGTTGAGACTTCATAGTAATTTTAGAATGCAACTGAAG
GTAAAAATTTTACTTTGTCAACTGAAGTCTCTGCTGAATCCTTATATATCTTTCTCCAGAGAACAT
AATATTGTCAAATAGATACACATTTTTCTAATAGGTATTTAGAAGCACTTGAATAATCTCTGCATGTG
TTACAATTCAGTTATTTCTGTAGTTTGTAACTCTAAAGTGACATTACTATTATTTTAGAGATGTCTAA
GTTGTAATTTTGATTTTGTGGAACCATTGTTTGTAAATGTTGGGATTCTCTGCACCTTTGAATGTGAA
AGCTTATATCCCTGAATTCTGATACTTAAGAGTTTTCTATTTTCAGACATCTCTGTGTGGAAGTTGAGAC
TAAGAATAATCCTAGGGATGTCATGAATTTAGGCAATGTTTCTCATTGGAAAATGAAATGAGAAATAA
TTTCCTCTTTAAAGCAAGTATATATAGTATGAGAACTTGGAGGCATTTATACACACGTTTCTTAGG
AAAATGGACACATTGAAAATGCCTCTTTTTTATATTAGAGATTCTGCAGCTCTTTGCTCTTAAGAGCA
AATCACAACAGGATTCTAATGTATGATTTCTTTGTTTCATATATTATGAATGTATTATTTTATTTGCTT
CGTAATAAAGTTTATAAGGAAGAGCATCTCATACATATCATTATCGTGGAAACACGTTGAATGTTTGTGA
TTCTGTGTGGCCTTTTTGGGGCTGAAAATGTATGAATTTCTCACTGTCTTACAAGAGATCTGCTAAT
AAATTTTATTATTAATAAGACTAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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**Restriction Sites:** Sgfl-Mlul



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_000097.7</a></u>
<b>Summary:</b>	The protein encoded by this gene is the sixth enzyme of the heme biosynthetic pathway. The encoded enzyme is soluble and found in the intermembrane space of mitochondria. This enzyme catalyzes the stepwise oxidative decarboxylation of coproporphyrinogen III to protoporphyrinogen IX, a precursor of heme. Defects in this gene are a cause of hereditary coproporphyrinemia (HCP).[provided by RefSeq, Oct 2009]
<b>Locus ID:</b>	1371
<b>MW:</b>	49.8