Product datasheet for SC200031

PPOX (NM_001122764) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PPOX (NM_001122764) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PPOX
Synonyms:	PPO; V290M; VP
ACCN:	NM_001122764
Insert Size:	74 bp
Insert Sequence:	>SC200031 3'UTR clone of NM_001122764 The sequence shown below is from the reference sequence of NM_001122764. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGTGTCCTGGGCACAGAACCTAACAGCTGATCCCCAACTCTCATTCATGAAAATAAAAATTGCTGGAGC TTGGC ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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_001122764.3

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Summary: This gene encodes the penultimate enzyme of heme biosynthesis, which catalyzes the 6-electron oxidation of protoporphyrinogen IX to form protoporphyrin IX. Mutations in this gene cause variegate porphyria, an autosomal dominant disorder of heme metabolism resulting from a deficiency in protoporphyrinogen oxidase, an enzyme located on the inner mitochondrial membrane. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]

Locus ID: 5498

MW: 2.6