

Product datasheet for SC200683

NQO2 (NM_000904) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NQO2 (NM_000904) Human 3' UTR Clone
Symbol:	NQO2
Synonyms:	DHQV; DIA6; NMOR2; QR2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000904
Insert Size:	130 bp
Insert Sequence:	<p>>SC200683 3'UTR clone of NM_000904</p> <p>The sequence shown below is from the reference sequence of NM_000904. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC TGCACAGCCCACTGGCACTTCGGGCAATAACTCTGTGGCACGTGGGCATCACGTAAGCAGCACACTAGG AGGCCAGGCGCAGGCAAGAGAAGATGGTGCTGTCATGAAATAAAATTACAACATAGCTA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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_000904.6


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Summary: This gene encodes a member of the thioredoxin family of enzymes. It is a cytosolic and ubiquitously expressed flavoprotein that catalyzes the two-electron reduction of quinone substrates and uses dihydronicotinamide riboside as a reducing coenzyme. Mutations in this gene have been associated with neurodegenerative diseases and several cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

Locus ID: 4835

MW: 5.2