

Product datasheet for **SC207944**

SUOX (NM_000456) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SUOX (NM_000456) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SUOX
ACCN: NM_000456
Insert Size: 528 bp
Insert Sequence: >SC207944 3'UTR clone of NM_000456

The sequence shown below is from the reference sequence of NM_000456. 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
CATCGTGTCCATGTCTATGTCTCCCAATGAGCATGGAAAGGAGCCACCTCCACCCCTTTCCCACCCAT
TAGCCTCACTGCTTCAGAAAAATCTTTCCACCTTTCACTTCTTGGATCACAACCTCTGGCCTTCTCTAA
GCCATACCCAAGTACACATATAGCACATTTACCCAAGGACCTTCCCTCTTTGGACACTATGTTACATA
CCCTCTTGGCCTTTGAACCTGTGCCAGGAAGTGTGAGCTGTTACAGCAAGGGGGTAGAAGTGAAAAAA
GTAATTCTGGAGACAAGCACTATTTTCTTCTACCCACCTCCATTTCTAATGCCTACTGCCATCAA
GGCCTTGTGTTTCTTTTCTTTTGGATTGTTTCCAGAGAAATGTGTGTGGCATGTGTAAGAAAAAGTATA
TACTATCTTATACTACCTCTCCAGGTTGCCAGAGAGTTGCCGAGGAGCAAGGGGCACAACCGTCTCCC
TTTATAGTTCTACTTTTCTAATAAATAGTCTGTTAAGATCATAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-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_000456.3](#)



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Summary: Sulfite oxidase is a homodimeric protein localized to the intermembrane space of mitochondria. Each subunit contains a heme domain and a molybdopterin-binding domain. The enzyme catalyzes the oxidation of sulfite to sulfate, the final reaction in the oxidative degradation of the sulfur amino acids cysteine and methionine. Sulfite oxidase deficiency results in neurological abnormalities which are often fatal at an early age. Alternative splicing results in multiple transcript variants encoding identical proteins. [provided by RefSeq, Jul 2008]

Locus ID: 6821

MW: 20