OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC207945

SUOX (NM_001032387) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: SUOX (NM_001032387) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: SUOX

ACCN: NM_001032387

Insert Size: 528 bp

Insert Sequence:

>SC207945 3'UTR clone of NM_001032387
The sequence shown below is from the reference sequence of NM_001032387. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CATCGTGTCCATGTCTATGTCTCCCCATGAGCATGGAAAGGAGCCACCTCCACCCCTTTCCCCACCCAT
TAGCCTCACTGCTTCAGAAAAATCTTTCCCACCTTTCAACTTCTTGGATCACAACTCTGGCCTTCCTAA
GCCATACCCAAGTACACATATAGCACATTTCACCCAAGGACCTTCCCTCTTTGGACACTATGTTACATA
CCCCTCTTGGCCTTTGAACCTGTGCCAGGAAGTGTGAGCTGTTACAGCAAGGGGCTAGAAGTGAAAAAA
GTAATTCTGGAGACAAGCACTATTTTCTCTTCCTACCCCACCTCCATTTCTAATGCCTACTGCCATCAA
GGCCTTGTTTTGCTTTTCTTTTTGGATTGTTCAGAGAAATGTGTGTGGCATGTGTAAGAAAAGTGTATA
TACTATCTTATACTACCTCTCCAGGTTGCCAGAGAGTTGCGAGGAGAGCAAGGGGCACAACCGTCTCCC
TTTATAGTTCTACTTTTCTAATAAATAGTCTGTTTAAGATCATAA
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_001032387.2

View online »

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