

Product datasheet for **SC210656**

Monoamine Oxidase B (MAOB) (NM_000898) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Monoamine Oxidase B (MAOB) (NM_000898) Human 3' UTR Clone
Symbol: Monoamine Oxidase B
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_000898
Insert Size: 886 bp
Insert Sequence: >SC210656 3'UTR clone of NM_000898
 The sequence shown below is from the reference sequence of NM_000898. 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
CACAAAAGGGGGCTACTTGTGAGAGTCTAAAGAGAGAGGGTGTCTGTAATCACACTCTCTTCTTACTGT
ATTTGGGATATGAGTTTGGGGAAAGAGTTGCAGTAAAGTTCCATGAAGACAAATAGTGTGGAGTGAGGC
GGGGAGCATGAAGATAAATCCAACCTGACTGTAATAACATGGTATCTCTTTCCGTTGTGGCCCTT
GCTTAGTGTCCCTTACCTGGCTTAGCGTTCTGTTCCACCAGTTTCCAAGTTTATTGCCCTCAAAATCTT
TAGAATAGTTAAATTGGCTTGTAAAGGTTCTTGCTGCCCCACAACACACCTTGCCCATGCACAAGGAA
TGAATTTTTTCTACCATTATGGCTTTGTGCTTGTCTTCTTCTTACCTGTAATAGCCTCACCTTCCTT
AGTTCTTTCGATTCGTCCTTAGAATACTGTATTGTTACAGCTGAAAGACAGTAAAGACCATTAGTCCT
CACCTTCTGTTTTAGAGTTGAGCAAACCTGAAGCCACAGAGGTGGAACCTAATTACCTAAGAGCCACAA
TAAGCCACTGGTATCTGGGGGACTAGAACACAAATCCAACGCTTTTCCACCTCTTTGGATGTTTTCCC
CAATTATCCTCCTTCACTCCCTGTCATAGTTACCGATGGTGTCCCGTTGTGTGGGTTTACTCTGTGCTA
AGTTGTCTTACACTTCTCAAATGCTACTCAGTATATAGCCTTAAGTCTTACTGTTTTGTGCGGTGTGTC
TCCAGCTGATTTAACTTTTTTGATGGTAGAAATTTATCTTCTTCTTCTTTGTATCCTCCATTGTAT
CTTCATACAAAGGACAGTACACACTTGGGTAATAAAAATAAAAGTTGATTGACCATA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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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_000898.5
Summary:	The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is a enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important role in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. This protein preferentially degrades benzylamine and phenylethylamine. [provided by RefSeq, Jul 2008]
Locus ID:	4129
MW:	33.9