

Product datasheet for **SC215483**

VAP1 (AOC3) (NM_003734) Human 3' UTR Clone

Product data:

| | |
|---------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | VAP1 (AOC3) (NM_003734) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | AOC3 |
| Synonyms: | HPAO; SSAO; VAP-1; VAP1 |
| ACCN: | NM_003734 |
| Insert Size: | 1604 bp |



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Insert Sequence: >SC215483 3'UTR clone of NM_003734
 The sequence shown below is from the reference sequence of NM_003734. 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
TTCTCCACGGGGGCTTCTCTACAACTAGGCGGTCCTGGGATGGGGCATGTGCCAAGGGCTCCAGGG
CCAGGGTGTGAGGGATGGGGAGCAGCTGGGCACTGGGCCGGCAGCCTGGTTCCCTCTTCTGTGCCAG
GACTCTCTTTCTTCCACTACCCTCCCTCGCATCCGCTCTGAGCCAGGAGCCTCTGACCCTGTGATGC
CTGACACAGGGGACACTGAACCTTGTGATGCCAGCTGTACTGAGTTCTCATCCAGAGGCCAGGCAT
GGCCAGCCTGGAGCCGTGGCCGAGGGCTTCCCTAGATGGTTCCCTTTGTTGCTGTCTGGCTTCCCGA
ATCTTTTTAGGCCACCTCAAGGACTCTAAAAGGGGGCTATTCCCTGGAGACCCAGAGTAGGGTTGCC
AGTCTGCAAGTCCATAGCTGAGCTGAAAGGATGCTTCTGCTCACATTCCTCTCATCCAGGTCCTTT
CCTTCTCGTCTTCTCTCTCACCTACTTCTCTCCTCCTCCTGTTCTCTCTCTATCCTG
CAATTTCTCCGAATCCTGAGGGGATATCCCTATGTCCAGCCCTGGTACTCCCCAGCCCTCAGTTT
TCAGTCAAGTTCCTCTCCTCTCCAGCCCTATGGAAGTCTCAAGGTACACGGGACCCCTAATCAGAGTGG
CCAATCCCTGTGTGTCGTTCCCTTGTGTCTGTTGCTTATTGGGAGTAGGAGTTGCTCCTACCCCTGTCC
TGGGGCTGGGTGTGTTTCAGGACAGCTGCTTCTGTGCAATTTGTGTCTGCCTGCCTCATGCTCTATAG
AGGAGGATGGTCATCGTGACAGCAGCAGCTCAAGTTAGCATTTCAAGTGATTTGGGGGTGCAATGATAA
TGAAGAATGGCCATTTTGTACCAGGGCTCTGTATTCTGCAACAGCCTGTTGGGAGGCTGGAGTGGAAA
CAAAGGGTGGGCATCAAAGATGAGAAGCAAAGCCCTACAACCCAGCCACCCAGCCAGGAGGGGCTG
TCCAATCACATTCAGGCATGCGAATGAGCTGGCCCTGGGTGAGGTGGGGTCTGGCCTAGTGGGGAGG
GGCCTGGCCTGGGTGGGGCAGGGCCTGGCCTGGTCCAGGCTTGGGCTCCATTCCCATCACTGCTGTCCC
TCTGAGGTCTGGATTGGGGATGGGGACAAGAAATAGCAAGAGATGAGAAACAACAGAACTTTTTTC
TCTAAAGGACTGGTTAAATCAATTCTGATACAGCCTTACAATACAATAGTATGCAGCTAAAAATAATT
GTATGTCTTTATACTAATATGTAATAATCTTCAGGTGAAAAAGGCAAGCCACAGAAATGTGTATAGC
GCACTTCCCATTTGTGTTTCAGAAAGGAGTAGAATATAAACACATAATTGCTTATGTATGCCTATTCAG
AATAAATGGGTAACTACTGATTACTTTTGGGAGGGGAACCAAGTGGTGGAGACAGGAGAGGGAAGGGTC
TTAACACTTACACCCTTTTGTACATTTTGAATTTGAACCATGTGACTGTATTACCTATTCAAAAATAA
CAATAAATGGGCCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_003734.4](#)

Summary:

This gene encodes a member of the semicarbazide-sensitive amine oxidase family. Copper amine oxidases catalyze the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. The encoded protein is localized to the cell surface, has adhesive properties as well as monoamine oxidase activity, and may be involved in leukocyte trafficking. Alterations in levels of the encoded protein may be associated with many diseases, including diabetes mellitus. A pseudogene of this gene has been described and is located approximately 9-kb downstream on the same chromosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2013]

Locus ID:

8639

MW:

59