

Product datasheet for **MC221415**

Aoc3 (NM_009675) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aoc3 (NM_009675) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aoc3
Synonyms:	SSAO; VAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221415 representing NM_009675
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCCAGAAGACCACCCTAGTGCTCCTGGCTCTGGCTGTCATCACCATCTTTGCTTTGGTTTGTGTCT
 TGCTAGCTGGCAGGAGCGGAGATGGGGTGGACTGAGCCAACCTTTCATTGCCCTCTGTTCTTCTAG
 TGTCAGCCCGGACACACCCTAGCCAGAGCCAGCCGTTTGCAGACCTGAGCCCAGAGGAGCTGACAGCT
 GTGATGAGCTTCTGACCAAGCACCTGGGGCCAGGGCTGGTGGATGCAGCCCAGGCTCGACCCTCGGACA
 ACTGTGCTTCTCAGTAGAGTTGCAGCTGCCTGCCAAGGCTGCAGCCCTGGCCACTTGGACAGAGGGGG
 GCCCCACCTGTGAGAGAGGCATTGGCCATCATCTTCTTTGGTGGACAACCCAAGCCCACTGAGTGAG
 CTGGTGGTGGGGCCCTGCCTACCCCTCTACATGCGGGATGTGACTGTGGAGCGCCACGGCGGCCCC
 TGCCCTATTACCGCGTCTGTGTTGGACAGAGATATCAGGATATCGAGGAGATGATCTCCACAGAGA
 GCTGCCCAAGCTTCTGGACTCCTCCATCACTGTTGCTTCTACAAACACCAGGGACAGAACCTGCTAACA
 ATGACTACAGCCCCCGTGGTTTGAATCAGGGGACCGGCCACCTGGTTTGGCTTGATTACAATCTCT
 CAGGGGCTGGGTTTTACCTCACCCATTGGCTTGGAGCTTCTGATAGATCATAAGGCCCTGGATCCTGC
 CCTGTGGACCATCCAGAAGTATTCTATCAAGGCCGTTACTATGAGAGTCTCACTCAGCTGGAGGACCAG
 TTTGAGGCTGGCTGGTGAATGTGGTATTGGTCCCAACAATGGTACAGGTGGTCTGGTCTCTAAAGT
 CCTCAGTGCCACCGGGCCAGCTCCCCCTCTGCAGTCCATCCCCAGGGACCCCGGTTCAGTGTCCAGGG
 GAGCCAAGTGTCTTCTCCTTGTGGGCTTTTTCTTTGGCCTTGGAGCTTTCAGTGGCCCAAGGATCTTT
 GATATCCGCTTCAAGGGGAGAGGGTGGCTATGAAATCAGTGTCCAGGAGGCCATAGCCCTCTACGGTG
 GAAATCCCCAGCATCAATGTCGACCTGCTACGTGGACGGTAGCTTTGGCATTGGCAAATACTCTACCCC
 CCTGATCCGAGGGGTAGACTGTCTTACCTCGCCACCTATGTGGACTGGCACTTCTTCTGGAATCTCAG
 GCCCCAAAGACTACGTGATGCAATTTGTGTGTTGAACAGAACCAGGGCCTCCCACTCCGGCGGCACC
 ACTCAGATTTCTACTCCCATTATTTGGGGTGTGTGGGGACGGTGCTTGTGGTCAGATCCGTGTCTAC
 CTTGCTCAATTACGACTACATATGGGACATGGTCTTCCACCCCAATGGGGCCATAGAAGTCAAATCCAC
 GCCACAGGCTATATCAGCTCAGCTTTCTTCTCGGTGCTGGTGAAGTTTGGGAACCGAGTTGGGGCGC
 ACACGCTGGGCACGGTACACACCACAGCGCTCACTTCAAAGTGGATCTGGATGTGGCAGGGCTGAAGAA
 CTGGCCCTGGGCAGAGGATATGGCTTTTGTCCCCAGATTGTACCTTGGCAACCGGAGTACCAGATGCAG
 AGGCTGCAGGTGACTCGGAAGCTGCTGGAGACAGAGGAGGAGGCTGCCTTCCCACTGGGGGGGCCACCC
 CACGCTACCTGTACCTGGCCAGTAACCACAGCAACAAGTGGGGTCAAGCGGGGCTACCGCATCCAGAT
 ACTCAGCTTTGCTGGAAAGCCCTTGCCCCAGGAAAGTCCCATAGAGAAAGCCTTCACTGGGGGAGGAT
 CACTTGGCTGTGACCCAGAGGAAGGAGGAGGAGCCTAGCAGCTCTAGCATCTTCAACCAGAACGACCCGT
 GGACCCCACTGTGAACCTCACCGACTTTCATCAGCAATGAGACCATGCTGGAGAGGACTTGGTAGCCTG
 GGTGACGGCTGGCTTTTGCACATCCCTCATGCAGAAGATATCCCAACACGGTACTGCGGGGAACCTCA
 GTGGGCTTCTTCTCCGGCCGTAAACTTCTTTGACGAGGACCCCTCCTTTCATTCTGTGACTCCATCT
 ATTTCCGGGAGGGCCAGGATGCCACGGCCTGTGAGGTTAACCCCTTGGCTTGCCTGTCCAGACTGCCAC
 CTGTGCCCCGAAATTCCTGCCTTCTCCATGGGGCTTTGCTTACAGAGACAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_009675
Insert Size: 2298 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_009675.2 , NP_033805.1
RefSeq Size:	4396 bp
RefSeq ORF:	2298 bp
Locus ID:	11754
UniProt ID:	O70423
Cytogenetics:	11 D
Gene Summary:	Cell adhesion protein that participates in lymphocyte recirculation by mediating the binding of lymphocytes to peripheral lymph node vascular endothelial cells in an L-selectin-independent fashion. Has a monoamine oxidase activity. May play a role in adipogenesis (By similarity).[UniProtKB/Swiss-Prot Function]