

Product datasheet for MC200510

Aldoc (BC008184) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aldoc (BC008184) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aldoc
Synonyms: AI847350; Aldo3; AU040929; Scrg2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC008184
GGCTGAGTGACTGGCTGAGTATAGACAACGTGCATCATGCCCCACTCATACCCAGCTCTTTCTGCTGAGC
AGAAGAAGGAGTTGTCGGATATTGCTCTACGGATCGTGGCCCCCGCAAGGGCATTCTGGCTGCAGATGA
GTCCGTAGGCAGCATGGCCAAAAGGCTGAGCCAAATTGGGGTGGAGAACACTGAGGAGAATCGCCGGCTG
TACCGCCAGGTCCTATTCACTGCTGATGACCGTGTGAAAAAGTGCATTGGGGGGTTCATCTTCTCCATG
AGACACTCTACCAGAAAGATGACAATGGTGTCCCCTTCGTCCGCACCATCCAGGATAAGGGCATTCTCGT
AGGCATCAAGGTTGACAAGGGTGTAGTGCCTCTAGCTGGGACCGACGGGGAAACCACCACTCAAGGGCTG
GATGGGCTCTTGGAACGCTGTGCTCAGTATAAGAAGGACGGTGTGATTTTGCCAAATGGCGCTGTGTAC
TAAAAATCAGTGATCGCACACCGTCCGCACTGGCCATATTGGAGAATGCCAACGTGCTGGCCGCTATGC
CAGCATCTGCCAGCAGAATGGGATCGTGCCTATTGTGGAGCCTGAGATTCTGCCTGACGGAGACCATGAC
CTCAAACATTGCCAGTATGTTACAGAGAAGGTCCTGGCTGCTGTATACAAGGCCCTGAGTGACCATCATG
TATACCTCGAAGGACTCTGCTCAAGCCCAACATGGTGACCCCTGGCCATGCCTGTCCCATCAAGTATAG
CCCAGAAGAGATTGCCATGGCAACTGTCACTGCCCTGCGTCTACTGTGCCCCAGCTGTCCCAGGGGTG
ACTTTCTGTCTGGGGTCCAGAGTGAAGAGGAGGCTTCTCTCAACCTCAATGCCATCAACCGCTGCCAC
TCCCCGGCCCTGGGCCCTCACCTTCTCTATGGGCGTGCCTGCAGGCATCTGCACTCAATGCCTGGAG
AGGACAAAGGGATAATGCTGGGGCTGCTACTGAGGAGTTTATCAAGCGGGCAGAGATGAACGGGCTTGA
GCCCAGGGCAGATATGAAGGCAGTGGAGATGGCGGAGCAGCAGCAGTCCCTCTACGTGCGCAACCATG
CCTACTGAGGCACGCTGACTCTACCCACAGCCCTTGGCCTAGCAATGCACACCCCAATTTGCCTATAGTC
ACAGCCAGGGCCAAATAGCTATGCAGAACAGAGATATCTTTATCCAGCGCCAAGTCACTCACATCTCAC
ATGCCTTACATTGCTGTACCCGAGACCACAGGATGGGAGGGTAGAGATGCCCTCCCATGTTTGAAGATGG
GGGACTTTCTAGAAGTCAGAACAGAACATGTGGACCTTTTTCTGTCTCCACCAGCCCTTACAGTTACC
CTTGATGGTATAGTTTGTCTGGGCTCTGCTTCTAATCTTCTCTTGGGATCAGGGGACGTGAACT
CCAGCCCTGACTCGTCTCTTATGCTCTGAGTACATAGCAAATAAATGAGAGCAAAACACAAAAA AAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC008184



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Insert Size:	1092 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:	BC008184 , AAH08184
RefSeq Size:	1546 bp
RefSeq ORF:	1092 bp
Locus ID:	11676
Cytogenetics:	11 46.74 cM
Gene Summary:	This gene encodes a member of the aldolase family of enzymes that is mainly expressed in neuronal tissues. The encoded protein is an enzyme of the glycolysis pathway, and catalyzes the conversion of fructose-1,6-bisphosphate to glyceraldehyde-3-phosphate and dihydroxyacetone phosphate. Alternate splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2014]