

## Product datasheet for RN211891

### Aldob (NM\_012496) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Aldob (NM\_012496) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Aldob  
**Synonyms:** Aldo2; LIV10  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN211891 representing NM\_012496  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTCACCGATTTCCAGCCCTCACCTCAGAGCAGAAGAAGGAGCTCTCCGAGATTGCCAGCGCATTG  
TTGCCAATGGGAAGGGTATCCTGGCTGCAGATGAGTCTGTGGCCACCATGGGAAACCGCCTACAGAGGAT  
AAAGGTGGAACACTGAAGAGAACCGAAGGCAGTTCCGAGAGCTCCTTTAGTGTGGACAATTCTATC  
AGCCAGAGCATCGCGGAGTGATCCTTTCCATGAGACGCTCTACCAGAAGGACAGCCAGGAAAGCTGT  
TCAGAAACATTCTCAAGGAGAAGGGAATTGTGGTGGGCATCAAGCTGGACCAAGGAGGTGCCCCGCTTGC  
AGGAACAAACAAGAAACCACATTCAAGGGCTTGACGGCCTCTCCGAACGCTGTGCTCAGTACAAGAAA  
GACGGAGTCGACTTTGGGAAGTGGCGTGTGCTGAGGATCTCGGACCAGTGCCCTTCCAGCCTTGCTA  
TCCAAGAAAACGCCAACGCTCTGGCTCGCTACGCCAGCATCTGCCAGCAGAATGGGCTGGTACCTATTGT  
TGAGCCAGAGGTTCTTCTGATGGAGACCATGACCTAGAGCACTGCCAGTATGTTTCTGAGAAGGTCCTG  
GCTGCTGTCTACAAGGCTCTCAATGATCATCATGTTTACCTTGAGGGCACCTGCTAAAGCCAAACATGG  
TGACTGCTGGACATGCCGACCAAGAAGTACACACCTGAGCAAGTGGCTATGGCCACCCTCACGGCTCT  
CCACAGAAGTCTTCTGCAGCTGTGCCTGGTATCTGCTTTTTGTCTGGAGGCATGAGTGAGGAGGATGCT  
ACACTTAACCTCAATGCTATCAACCGTTGCCCTCTACCTAGGCCCTGGAAACTAAGCTTTTCATACGGCA  
GAGCCCTCCAGGCCAGTGCAATTGGCTGCCTGGGCGGCAAGGCTGCAAACAAGAAGGCAACCCAGGAAGC  
TTTCATGAAGCGGGCTGTGGCAACTGCCAGGCAGCCCAAGGACAGTATGTTACACGGGCTCGTCAGGC  
GCTGCTTCCAGCAGTCACTCTTACAGCCTCTACACCTACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_012496



<b>Insert Size:</b>	1095 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_012496.2</u> , <u>NP_036628.2</u>
<b>RefSeq Size:</b>	1589 bp
<b>RefSeq ORF:</b>	1095 bp
<b>Locus ID:</b>	24190
<b>Cytogenetics:</b>	5q22
<b>Gene Summary:</b>	member of the aldolase enzyme family [RGD, Feb 2006]