

Product datasheet for **MR226258A1V**

Mouse Alox15 (NM_009660) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Alox15 (NM_009660) AAV Particle
Tag:	Myc-DDK
Symbol:	Alox15
Synonyms:	12-LO; 12/15-LO; 15-LOX; Alox12l; L-12LO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR226258 representing NM_009660
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGTCTACCGCATCCGCGTCTCCACCGGGGACTCCGTGTACGCGGGCTCCAACAACGAGGTCTACC
 TGTGGTTGATCGGACAGCATGGGGAGGCATCTCTCGGGAAGCTGTTCCGACCCTGTCGGAACCTCGGAGGC
 AGAATTCAAGGTGGATGTGTGAGAATACCTGGGCCACTGCTGTTTGTGAGAGTGCAGAAATGGCATTAT
 CTCAAAGAGGACGCCTGGTTCTGCAACTGGATTCTGTGAAGGGCCCCGGAGACCAGGGATCGGAGTACA
 CGTTCCCTGTTACCGATGGGTTCAAGGACACAGCATCCTGAACCTCCCTGAGGGCACTGGCTGCACCGT
 GGTTGAAGACTCTCAAGCCTGTTCAAGAACACAGGGAGGAGGAAGTGAAGAAAGGAGGAGTCTGTAC
 AGGTGGGGCAACTGGAAGGATGGCACAATCCTGAACGTGGCGGCGACAGTATCTCTGACCTCCCTGTAG
 ACCAGCGATTTTCGAGAGGACAAAAGACTTGAATTTGAAGCTTCACAGGTTCTGGGGACAATGGACACCGT
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 TCAATGGTGCTAACCCCATGGTGCTGAAGCGGTCTACTTGTCTCCCTGCCCGCCTGGTATTCCCTCCGGG
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 TCAGACTTACAGCTTCATGAGCTACAGGCTCATCTTCTGAGGGGACACTTGGTGGCTGAGGTCTTTGCTG
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 CAGGATGACTATGAACTGCAGAGCTGGTGTCAAGAGATCACTGAGATTGGGTGCAAGGTGCCAGGACA
 GAGGCTTCCCCACCTCCCTCCAGTCCCGGGCTCAGGCTTGCCACTTCATACCATGTGCATCTTCACATG
 CACTGCGCAGCACTCTTCCATCCATCTTGCCAGCTGGATTGGTCTACTGGGTTCCTAATGCACCCTGC
 ACCATGCGGCTGCCACCACCTAAAACCAAGGACGCGACGATGGAGAAGCTGATGGCGACGCTGCCAATC
 CTAATCAGTCTACTCTCCAGATAAATGTCGTTTGGCTCCTGGGCAGACGCCAGGCTGTTATGGTGCCCT
 GGGCCAGCATTAGAGGAACACTTCCAAACCTGAGGCCAAAGCTGTGCTGAAGAAGTTAGAGAGGAG
 CTGGCTGCCTTGATAAGGAAATTGAGATTCTGTAACAAGAGCTTGGACATACCTTATGAGTACCTGCGGC
 CCAGCCTGGTAGAAAACAGCGTGGCCATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR226258 representing NM_009660 Red=Cloning site Green=Tags(s) MGVYRIRVSTGDSVYAGSNNEVYLWLIQHGHEASLGKLFRCRNSEAEFKVDVSEYLGPLL FVRVQKWHY LKEDAWFCNWISVKPGDQGSEYTFPCYRWVQGTSILNLPEGTGCTVVEDSQGLFRNHREEELEERRSLY RWGNWKDGTILNVAATISIDL PVDQRFREDKRLEFEASQVLGTM DTVINFPKNTVTCWKS LDDFN YVFKS GHTKMAERVNRNSWKEDAFFGYQFLNGANPMVLKRSTCLPARLVFP PGMEKLQAQLDEELKKGTLFEADFF LLDGIKANVILCSQQYLAAPLVMLKLQPDGQLLP IAIQLELPKTGSTPPPIFTPLDPPMDWLLAKCWVRS SDLQLHELQAHLRLGHLVAEVFAVATMRCLPSVHPVFKLLVPHLLYTMEINVRARSDLISERGFFDKVMS TGGGGHLDLLKQAGAF LTYSSLCPDDLAERGLLDIDTCFYAKDALQLWQVMNRYVVG MFDLYYKTDQAV QDDYELQSWCQEITEIGLQGAQDRGFPTSLQSRAQACHFITMCIFTCTAQHSSIHLGQLDWFYWP NAPC TMRLPPPKTKDATMEKLMATLPNPNQSTLQINVVWLLGRRQAVMVPLGQHSEEHFPNPEAKAVLKKFREE LAALDKEIEIRNKSLDIPYEYLRPSLVENSVAI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_009660
ORF Size:	1989 bp
Buffer:	PBS with 0.001% Pluronic F4080
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_009660.3, NP_033790.3</u>
RefSeq Size:	2414 bp
RefSeq ORF:	1992 bp
Locus ID:	11687
UniProt ID:	<u>P39654</u>
Cytogenetics:	11 42.99 cM
MW:	75.9 kDa