OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC206621A1V

Human ALOX15 (NM_001140) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ALOX15 (NM_001140) AAV Particle
Tag:	Myc-DDK
Symbol:	ALOX15
Synonyms:	12-LOX; 15-LOX; 15-LOX-1; LOG15
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

View online »

ORF Nucleotide Sequence:

>RC206621 representing NM_001140
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGTCTCTACCGCATCCGCGTGTCCACTGGGGCCTCGCTCTATGCCGGTTCCAACAACCAGGTGCAGC
TGTGGCTGGTCGGCCAGCACGGGGAGGCGGCGCTCGGGAAGCGACTGTGGCCCGCACGGGGCAAGGAGAC
AGAACTCAAGGTGGAAGTACCGGAGTATCTGGGGCCGCTGCTGTTTGTGAAACTGCGCAAACGGCACCTC
CTTAAGGACGACGCCTGGTTCTGCAACTGGATCTCTGTGCAGGGCCCCGGAGCCGGGGACGAGGTCAGGT
TCCCTTGTTACCGCTGGGTGGAGGGCAACGGCGTCCTGAGCCTGCCTGAAGGCACCGGCCGCACTGTGGG
CGAGGACCCTCAGGGCCTGTTCCAGAAACACCGGGAAGAAGAGCTGGAAGAGAGAAGGAAGTTGTACCGG
TGGGGAAACTGGAAGGACGGGTTAATTCTGAATATGGCTGGGGCCAAACTATATGACCTCCCTGTGGATG
AGCGATTTCTGGAAGACAAGAGAGTTGACTTTGAGGTTTCGCTGGCCAAGGGGCTGGCCGACCTCGCTAT
CAAAGACTCTCTAAATGTTCTGACTTGCTGGAAGGATCTAGATGACTTCAACCGGATTTTCTGGTGTGGT
CAGAGCAAGCTGGCTGAGCGCGTGCGGGACTCCTGGAAGGAAGATGCCTTATTTGGGTACCAGTTTCTTA
ATGGCGCCAACCCCGTGGTGCTGAGGCGCTCTGCTCACCTTCCTGCTCGCCTAGTGTTCCCTCCAGGCAT
GGAGGAACTGCAGGCCCAGCTGGAGAAGGAGCTGGAGGGAGGCACACTGTTCGAAGCTGACTTCTCCCTG
CTGGATGGGATCAAGGCCAACGTCATTCTCTGTAGCCAGCAGCACCTGGCTGCCCCTCTAGTCATGCTGA
AATTGCAGCCTGATGGGAAACTCTTGCCCATGGTCATCCAGCTCCAGCTGCCCCGCACAGGATCCCCACC
ACCTCCCCTTTTCTTGCCTACGGATCCCCCAATGGCCTGGCTTCTGGCCAAATGCTGGGTGCGCAGCTCT
GACTTCCAGCTCCATGAGCTGCAGTCTCATCTTCTGAGGGGACACTTGATGGCTGAGGTCATTGTTGTGG
CCACCATGAGGTGCCTGCCGTCGATACATCCTATCTTCAAGCTTATAATTCCCCACCTGCGATACACCCT
GGAAATTAACGTCCGGGCCAGGACTGGGCTGGTCTCTGACATGGGAATTTTCGACCAGATAATGAGCACT
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GACGACCCAGAGCTGCAGACCTGGTGTCGAGAGATCACTGAAATCGGGCTGCAAGGGGCCCAGGACCGAG
GGTTTCCTGTCTCTTTACAGGCTCGGGACCAGGTTTGCCACTTTGTCACCATGTGTATCTTCACCTGCAC
CGGCCAACACGCCTCTGTGCACCTGGGCCAGCTGGACTGGTACTCTTGGGTGCCTAATGCACCCTGCACG
ATGCGGCTGCCCCCGCCAACCACCAAGGATGCAACGCTGGAGACAGTGATGGCGACACTGCCCAACTTCC
ACCAGGCTTCTCTCCAGATGTCCATCACTTGGCAGCTGGGCAGACGCCAGCCCGTTATGGTGGCTGTGGG
CCAGCATGAGGAGGAGTATTTTTCGGGCCCTGAGCCTAAGGCTGTGCTGAAGAAGTTCAGGGAGGAGCTG
GCTGCCCTGGATAAGGAAATTGAGATCCGGAATGCAAAGCTGGACATGCCCTACGAGTACCTGCGGCCCA
GCGTGGTGGAAAACAGTGTGGCCATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206621 representing NM_001140
Red=Cloning site Green=Tags(s)

MGLYRIRVSTGASLYAGSNNQVQLWLVGQHGEAALGKRLWPARGKETELKVEVPEYLGPLLFVKLRKRHL
LKDDAWFCNWISVQGPGAGDEVRFPCYRWVEGNGVLSLPEGTGRTVGEDPQGLFQKHREEELEERRKLYR
WGNWKDGLILNMAGAKLYDLPVDERFLEDKRVDFEVSLAKGLADLAIKDSLNVLTCWKDLDDFNRIFWCG
QSKLAERVRDSWKEDALFGYQFLNGANPVVLRRSAHLPARLVFPPGMEELQAQLEKELEGGTLFEADFSL
LDGIKANVILCSQQHLAAPLVMLKLQPDGKLLPMVIQLQLPRTGSPPPPLFLPTDPPMAWLLAKCWVRSS
DFQLHELQSHLLRGHLMAEVIVVATMRCLPSIHPIFKLIIPHLRYTLEINVRARTGLVSDMGIFDQIMST
GGGGHVQLLKQAGAFLTYSSFCPPDDLADRGLLGVKSSFYPQDALRLWEIIYRYVEGIVSLHYKTDVAVK
DDPELQTWCREITEIGLQGAQDRGFPVSLQARDQVCHFVTMCIFTCTGQHASVHLGQLDWYSWVPNAPCT
MRLPPPTTKDATLETVMATLPNFHQASLQMSITWQLGRRQPVMVAVGQHEEEYFSGPEPKAVLKKFREEL
AALDKEIEIRNAKLDMPYEYLRPSVVENSVAI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001140

ORF Size: 1986 bp

Buffer: PBS with 0.001% Pluronic F5914

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: NM_001140.3

RefSeq Size: 2707 bp

RefSeq ORF: 1989 bp

Locus ID: 246

UniProt ID: P16050

Cytogenetics: 17p13.2

MW: 74.6 kDa