

Product datasheet for **MR212435A1V**

Mouse Oas2 (NM_145227) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Oas2 (NM_145227) AAV Particle
Tag:	Myc-DDK
Symbol:	Oas2
Synonyms:	Oasl11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR212435 representing NM_145227
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGGAACTGGCTGACTGGAACTGGTCATCTGACAGGTCATCTGGCTATTCATCTGGCTGGTCACCTG
 GTGGGTCTTCAGGGGTGCCCTCCGGGCCAGTGCACAAGTTAGAAAAGTCTATCCAGGCAAACCTCACACC
 CAACGAAAACGTCTGAAGCAGATTGCCGTGTCTCGGTGCCATCGCAGAAGCTAGAAGGTATATCCAG
 GAAAACCTCAAACCTAACAGAGAATCTCTGAAGCAGATAGACCAGGCCGTGGATGCCATCTGGGACCTGC
 TGCAGCTCAGATCCCTGTGAAGGAAGTGGCTAAGGGTGGCTCCTATGGCCGGGAAACAGCCCTAAGAGG
 CTGCTCCGATGGTACCCTTGTCTCTTCATGGACTGCTCCAACAGTTCAGGATCAGATAAAATACCAA
 GATGCATACCTTGACGTCATTGAACTGTGGCTGAAAATCCATGAGAAGAAGTCAGTAAAGCATGAACATG
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 ACGCTCCAATGAGAATCCAGCTCCTGTGTCTATGTGGATCTCAAAAAATCCATGGATCAAGTAAGGCC
 TCACCAGGGGAGTTCTCAGACTGCTTACCACACTGCAGCAGCGGTTTTTCAAGAAATATCCCCAAAGAC
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 CAACAAGCTCTTCTAAAGCAGATCAAGGAAGCTGTTGACATTATATGTTCTTCTTAAAAATGTCTGC
 TTCTTGAATTCTGACACCAAGTCTGAAGACCGTCAAGGAGGATCCACTGCCAAAGGCACAGCTCTGA
 AGCGGGGATCAGATGCTGACATTGTTGTCTCTCTCGCTGGAGAGTTACGACTCTCTAAAAACCAA
 CCGCTCCAGTTCGTCCAGGAGATCCAGAAGCAGTTAGAAGAATTCGTGCAGGCGCAGGAGTGGGAGGTG
 ACGTTTGAGATTTCAAATGGAAGGCTCCAGAGTGTGAGTTTTACCTTGAAATCCAAGACTCTCAATG
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 GCCCGAAGCCTACAAGGATCTCATTGAGCTGTGTGCATCACAGGACATCAAAGAAGGAGAGTTTTCTATC
 TGTTTTACTGAGCTGCAGAGAACTTCATTCAAACCCGGCCACCAAACCTGAAGAGTCTACTCCGCCTGA
 TCAAGCACTGGTACAAACAGTATGAAAGGAAGATGAAGCCAAAAGCATCTTACCCCAAAGTACGCCCT
 GGAGCTGCTCACCCTGTATGCCTGGGAGCAGGGCAGTGGCACAGATGACTTTGACATTGCTGAAGGCTTC
 CGGACCGTCTGGACCTGGTTATAAAATACCGGCAGCTCTGCATCTTCTGGACAGTCAATTACAACCTTG
 AAGAGGAATACATGCGGAAGTTCCTACTGACCCAGATCCAGAAAAAGAGGCTGTAACTCTGGATCCAGC
 AGATCCACAGGCGATGTGGGAGGAGGTGACCGCTGGTGTGTCATCTTCTAGCTGAAGAAGCGAAGGAG
 TGGCTGTCCTCCCTTGTTCCTCAAGTGGAGCAAAAGGCTGGTACAGCCTTGAAAGTGCCAGTAATGC
 AGACCCCGGAAGCTGTGGAGGTCAGATCTACCCCACTGTGGGTGGAGTTACTAAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR212435 representing NM_145227 Red=Cloning site Green=Tags(s) MGNWL TGNWSSDRSSGYSSGWS PGSGSPGVHKLEKSIQANLTPNENCLKQIAVSSVPSQKLEGYIQ ENLKPNRESLKQIDQAVDAIWDLLRSQIPVKEVAKGGSYGRETALRGCS DGT L VLFMDCFQQFQDQIKYQ DAYLDVIELWLKIEHKSVKHEHALVQVSVPGQRILLQLLPVFNPLRSNENPSSCVYVDLKKSMQVRA SPGEFSDCFTTLQQRFFKKYPQRLKDLILLVKHWYEQCEKWKTPPPQPLL YALELLTVYAWEQGCAED FDMAQGVRTVLRLIQRPTELCVYWTVNYNFEDETVRNILLHQLRSQRPVILDPTDPTNNVGKDDGF WELL TEEAMAWLYSPSLNTE SPAPYWDVLP MPLFVTPSHLLNKF IKDFLQPNKLF LKQIKEAVDII CSFLKNVC FLNSDTKVLKTVKGGSTAKGTALKRGSDADIVVFLSSLESYDSLKTNR SQFVQEIQKQLEEFVQAQEW EV TFEISKWKAPRVL SFTLKS KTLNESVEFDVLPAYDALGQLRSDFTLRPEAYKDLIELCASQDIKEGEFSI CFTELQRNFIQTRPTKLKSLRLIKHWYKQYERKMKPKASLPPKYALELLTVYAWEQSGTDDFDIAEGF RTVLDLVIKYRQLCIFWTVNYNFEEYMRKFLLTQIQKKRPVILDPADPTGDVGGGDRWCWHL LAEEAKE WLSSPCFQVEQKGLVQPWKVPVMQTPGSCGGQIYPTVGGVTK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_145227
ORF Size:	2226 bp
Buffer:	PBS with 0.001% Pluronic F1988
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_145227.3, NP_660262.2</u>
RefSeq Size:	3873 bp
RefSeq ORF:	2229 bp
Locus ID:	246728
UniProt ID:	<u>E9Q9A9</u>
Cytogenetics:	5 60.64 cM
MW:	85.5 kDa