

Product datasheet for **MR230412A1V**

Mouse Eya2 (NM_001271963) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Eya2
Synonyms:	Eab1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230412 representing NM_001271963
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTAGAAGTGGTGACCTACCCAGCCTCGAACAAGCAGTGACTGGAGCGAGCACGGTGCTGCCGTGG
 GGACGCTGAGTGACAGGGAAGGCATCGCCAAATCAGCGGCTCTGAGTGTGCCTCAGCTCTTTGTGAAGTC
 TCATCCACGTGTCCCTCCTGGTCAGTCCTCCACAGCCATGGCGGCCTATGGCCAGACACAGTACAGCACA
 GGCATTACAGCAGGACCAACCTATACAGCGTACCAACTCCGGCGCAAGCCTATGGAATCCCCCTTACA
 GCATCAAGACAGAAGACAGTTTGAATCACTCCCCAGCCAGAGCGGTTCTGAGCTATGGACCGAGCTT
 CAGCACCGCGCCTGCTGGACAGAGCCCTACACCTACCCCGTGCACAGCACCGCTGGGCTCTATCAAGGC
 GCCAACGGACTGACCAACACCGCTGGATTGGGAGCGTGCACCAGGATTATCCGTCCTACCCAGCTTTT
 CACAGAACCAGTACCCCACTATTTAGCCCATCATACAACCCGCCCTACGTCCTGCCAGCAGCCTCTG
 CTCCTCGCCCTCTCCAGTCCACCTACGTCCTCCAGGAGGCTCCTACAATGTCCCAGCCAGAGTTCT
 GAGTCCTGGCGGAGACTACAACACACACAACGACCCCTCCACACCAGCAAAGGAGGGTGACACAGAGA
 GGCCACATCGAGCCTCGGATGGGAAGCTACGGGGCCGGTCAAAGAGAAATAGTGACCCCTCCCCAGCAGG
 AGACAATGAAATCGAGCGCGTGTTCGTCTGGGACCTGGACGAGACAATCATTATCTTCCACTCCCTGCTC
 ACAGGGACGTTTGCATCCAGATACGGGAAGGACACACGAGCTGTGCGCATTGGCCTGATGATGGAGG
 AGATGATCTTCAACCTTGTGACACACACCTGTTCTTCAATGACCTGGAGGACTGTGACCAATCCACGT
 GGATGATGTCTCATCCGATGACAATGGTCAGGATTTAAGCACATACAACCTCTCCACTGATGGCTCCAC
 AGCACGGCGCCAGGAGCCAGCTTGTGCTGGGTACAGGTGTTATGGCGGTGTGGACTGGATGAGGAAAC
 TGGCCTTCCGCTACCGTGTGTAAGGAGATGTACAACCTACCCCAACAACGTGGGTGGCTTGATAGG
 TGCTCCCAAAAGAGAGACCTGGCTGCAGCTGCGCGCCGAGCTGGAGGCCCTGACTGACCTCTGGCTCACC
 CACTCCCTGAAAGCCCTCAATCTCATCAACTCTCGACCAACTGTGTCAATGTGTTGGTCACCACCACGC
 AACTGATCCCTGCATTGGCCAAAGTCTGCTGTACGGTCTGGGCTCCGTGTTCCCCATCGAGAACATCTA
 CAGTGCGACCAAGACAGGCAAGGAGAGCTGCTTGAAGAATCATGCAGAGGTTTGGCCGCAAGCTGTC
 TACATTGTGATAGGCGACGGGTAGAGGAAGAGCAAGGAGCCAAAAAGCACAAATGCCTTTCTGGAGGA
 TATCTGTGATGCTGACCTGGAGGCTTAAGGCATGCCCTGGAAGTGGAGTATCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MLEVVTSPSLATSSDWSEHGAAGVTLSDREGIAKSAALSVPQLFVKSHPRVPPGQSSTAMAAYGQTQYST
 GIQQAPPYTAYPTPAQAYGIPPYSIKTEDSLNHSPSQSGFLSYGPSFSTAPAGQSPYTPVHSTAGLYQG
 ANGLTNTAGFGSVHQDYSPYSFSQNPQYFSPSYNPPYPASSLCSPLSTSTYVLQEAPHNVPSQSS
 ESLAGDYNTHNGPSTPAKEGDTERRPHRASDGKLRGRSKRNSDPSPAGDNEIERVFVWDLDETIIFHSL
 TGTFASTRYGKDTTTSVRIGLMMEEMIFNLADTHLFFNDLEDQDIHVDDVSSDNGQDLSTYNFSTDGFH
 STAPGASLCLGTGVHGGVDWMRKLAFRYRRVKEMYNTYRNNVGGLIGAPKRETWLQLRAELEALTDLWLT
 HSLKALNLINSRPNCNVNLVTTTQLIPALAKVLLYGLGSVFPIENIYSATKTGKESCFERIMQRFGRKAV
 YIVIGDGVVEEQGAKKHNMFPWRISCHADLEALRHAELEYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001271963

ORF Size: 1596 bp

Buffer: PBS with 0.001% Pluronic F68

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_001271963.1 , NP_001258892.1
RefSeq Size:	2459 bp
RefSeq ORF:	1599 bp
Locus ID:	14049
UniProt ID:	O08575
Cytogenetics:	2 85.83 cM
MW:	58.2 kDa