

Product datasheet for **RC224209A1V**

Human ENOX2 (NM_006375) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ENOX2 (NM_006375) AAV Particle
Tag:	Myc-DDK
Symbol:	ENOX2
Synonyms:	APK1; COVA1; tNOX
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224209 representing NM_006375
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACACTACCTATGTCTGATCCAACATGCATGGGCCACAGCAATGAATAATCTTGAATGGCACCCTGG
 GAATTGCGGACAACCAATTTTACCTGACTTTGATCCTGCTCTTGAATGATGACTGGAATTCACCAAT
 AACTCCAATGATGCCTGGTTTGGGAATAGTACCTCCACCAATTCCTCCAGATATGCCAGTAGTAAAGAG
 ATCATACACTGTAAAAGCTGCACGCTCTTCCCTCCAAATCCAAATCTCCACCTCCTGCAACCCGAGAAA
 GACCACCAGGATGCAAAACAGTATTTGTGGTGGTCTGCCTGAAAATGGGACAGAGCAAAATCATTGTGGA
 AGTTTTCGAGCAGTGTGGAGAGATCATTGCCATTGCAAGAGCAAGAAGAACTTCTGCCACATTCGCTTT
 GCTGAGGAGTACATGGTGGCAAAGCCCTGTATCTGTCTGTTACCGCATTGCTGCTGGCTCTAGTACTG
 ACAAGAAGGACACAGGACAGTCCACGTTGATTCGCACAGGCTCGAGATGACCTGTATGAGTGGGAGTG
 TAAACAGCGTATGCTAGCCAGAGAGGAGCGCCATCGTAGAAGAATGGAAGAAGAAAGATTGCGTCCACCA
 TCTCCACCCCACTGGTCCACTATTGATCATGAATGCAGCATTGTTGCTGAAAAATTAAGATGATT
 CCAAAATCTCAGAAGCTGTACAGACCTTGTACCTGGATAGAGCGAGGAGAGGTCAACCGTCGTAGCGC
 CAATAACTTCTACTCCATGATCCAGTCGGCCAAACAGCCATGTCCGCCGCTTGTGAACGAGAAAGCTGCC
 CATGAGAAAGATATGGAAGAAGCAAGGAGAAGTTCAAGCAGGCCCTTTCTGGAATTCATTCAATTTG
 AGCAGATAGTGGCTGTGTACCATTCCGCTCCAAGCAGAAGGCATGGGACCACTTCAAAAAGCCAGCG
 GAAGAACATCAGCGTGTGGTGAACAAGCTGAGGAAATTCGCAACATTCATAATGATGAATTAATGGGA
 ATCAGGCGAGAAGAAGAAATGGAATGTCTGATGATGAATAGAAGAAATGACAGAAACAAAGAACTG
 AGGAATCAGCCTTAGTATCACAGGCAGAAGCTCTGAAGGAAGAAATGACAGCCTCCGTTGGCAGCTCGA
 TGCCTACCGGAATGAAGTAGAACTGCTCAAGCAAGAACAAGGCAAGTCCACAGAGAAGATGACCCTAAC
 AAAGAACAGCAGCTGAACTCCTGCAACAAGCCCTGCAAGGAATGCAACAGCATCTACTCAAAGTCCAAG
 AGGAATACAAAAGAAAGAGCTGAACTTGAAAACTCAAAGATGACAAGTTACAGGTGGAAAAATGTT
 GGAAAACTTAAAGAAAGGAAAGCTGTGCTTCTAGGCTGTGTGCCTCAAACCAGGATAGCGAATACCCT
 CTTGAGAAGACCATGAACAGCAGTCTATCAAATCTGAACGTGAAGCACTGCTAGTGGGATTATCTCCA
 CATTCTTCATGTTACCCATTTGGAGCAAGCATTGAATACATCTGTTCTACTTGCACCGTCTTGATAA
 TAAGATCTGCACAGCGATGTGGAGTGTCTCATGGGTAGACTCCAGCATACCTTCAAGCAGGAAATGACT
 GGAGTTGGAGCCAGCCTGAAAAGAGATGGAATTTCTGTGGCTTCGAGGGCTTGAAGCTGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTLPMSDPTAWATAMNNLGMAPLGIAGQPILPDFPALGMMTGIPPITPMMPGLGIVPPPIPPDPMPVVE
 ITHCKSCTLFPPNPNLPPATRERPPGCKTVFVGGLPENGTEQIIVEVFEQCGEIIAIRKSKKNFCHIRF
 AEEYMDKALYLSGYRIRLGSSTDKKDTGRLHVDFDAQRDDLYEWECKQRMAREERHRRRMEERLRPP
 SPPPVVHYSDHECSIVAELKDDSKFSEAVQTLTWERGEVNRSSANFYSMIQSANSVHRRVNEKAA
 HEKDMEEAKEKFKQALSGILIQFEQIVAVYHSASKQKAWDHFTKAQRKNISVWCKQAEERIHNDELMD
 IRREEMEMSDDEIEEMTETKETESALVSQAEALKEENDSLRWQLDAYRNEVELLKQEQGVHREDDPN
 KEQQLKLLQALQGMQQLHLLKVQEEYKKEAELEKLKDDKLQVEKMLENLKEKESASRLCASNQDSEYP
 LEKTMNSSPIKSEREALLVGIISTFLVHPFGASIEYICSYLHRLDNKICTSDVECLMGRQLQHTFKQEMT
 VVGASLEKRWKFCGFGLKLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_006375
ORF Size:	1743 bp
Buffer:	PBS with 0.001% Pluronic F8778
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_006375.2</u> , <u>NP_006366.2</u>
RefSeq Size:	4095 bp
RefSeq ORF:	1746 bp
Locus ID:	10495
UniProt ID:	<u>Q16206</u>
Cytogenetics:	Xq26.1
MW:	66.4 kDa