

Product datasheet for **RC238975A1V**

Human ENOX2 (NM_001281736) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ENOX2 (NM_001281736) AAV Particle
Tag:	Myc-DDK
Symbol:	ENOX2
Synonyms:	APK1; COVA1; tNOX
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC238975 representing NM_001281736
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACACTACCTATGTCTGATCCAACATGCATGGGCCACAGCAATGAATAATCTTGAATGGCACCCTGG
 GAATTGCGGACAACCAATTTTACCTGACTTTGATCCTGCTCTTGAATGATGACTGGAATTCACCAAT
 AACTCCAATGATGCCTGGTTTGGGAATAGTACCTCCACCAATTCCTCCAGATATGCCAGTAGTAAAGAG
 ATCATACACTGTAAAAGCTGCACGCTCTTCCCTCCAAATCCAAATCTCCACCTCCTGCAACCCGAGAAA
 GACCACCAGGATGCAAAACAGTATTTGTGGTGGTCTGCTGAAAATGGGACAGAGCAAAATCATTGTGGA
 AGTTTTCGAGCAGTGTGGAGAGATCATTGCCATTGCAAGAGCAAGAAGAACTTCTGCCACATTCGCTTT
 GCTGAGGAGTACATGGTGGCAAAGCCCTGTATCTGTCTGTTACCGCATTGCTGCGGCTCTAGTACTG
 ACAAGAAGGACACAGGCAGACTCCACGTTGATTCGCACAGGCTCGAGATGACCTGTATGAGTGGGAGTG
 TAAACAGCGTATGCTAGCCAGAGAGGAGCGCCATCGTAGAAGAATGGAAGAAGAAAGATTGCGTCCACCA
 TCTCCACCCCACTGGTCCACTATTCAGATCATGAATGCAGCATTGTTGCTGAAAAATTAAGATGATT
 CCAAAATCTCAGAAGCTGTACAGACCTTGCTTACCTGGATAGAGCGAGGAGAGGTCAACCGTCGTAGCGC
 CAATAACTTCTACTCCATGATCCAGTCGGCCACAGCCATGTCCGCCCGCTGGTGAACGAGAAAGCTGCC
 CATGAGAAAGATATGGAAGAAGCAAAGGAGAAGTTCAAGCAGGCCCTTTCTGGAATTCATTCAATTTG
 AGCAGATAGTGCTGTGTACCATTCCGCTCCAAGCAGAAGGCATGGGACCACTTCACAAAAGCCAGCG
 GAAGAACATCAGCGTGTGGTGAACAAGCTGAGGAAATTCGCAACATTCATAATGATGAATTAATGGGA
 ATCAGGCGAGAAGAAGAAATGGAATGTCTGATGATGAAATAGAAGAAATGACAGAAACAAAGAACTG
 AGGAATCAGCCTTAGTATCACAGGCAGAAGCTCTGAAGGAAGAAATGACAGCCTCCGTTGGCAGCTCGA
 TGCCTACCGGAATGAAGTAGAACTGCTCAAGCAAGAACAAGGCAAGTCCACAGAGAAGATGACCCTAAC
 AAAGAACAGCAGCTGAACTCCTGCAACAAGCCCTGCAAGGAATGCAACAGCATCTACTCAAAGTCCAAG
 AGGAATACAAAAGAAAGAAAGCTGAACTTGAAAACTCAAAGATGACAAGTTACAGGTGGAAAAATGTT
 GGAAAACTTAAAGAAAGGAAAGCTGTGCTTCTAGGCTGTGTGCCTCAAACCAGGATAGCGAATACCCT
 CTTGAGAAGACCATGAACAGCAGTCTTATCAAATCTGAACGTGAAGCACTGCTAGTGGGATTATCTCCA
 CATTCTTCATGTTACCCATTTGGAGCAAGCATTGAATACATCTGTTCTACTTGCACCGTCTTGATAA
 TAAGATCTGCACAGCGATGTGGAGTGTCTCATGGGTAGACTCCAGCATACCTTCAAGCAGGAAATGACT
 GGAGTTGGAGCCAGCCTGAAAAGAGATGGAATTTCTGTGGCTTCGAGGGCTTGAAGCTGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238975 representing NM_001281736
 Red=Cloning site Green=Tags(s)

MTLPMSDPTAWATAMNNLGMAPLGIAGQPILPDFPALGMMTGIPPITPMMPGLGIVPPPIPPDPMPVVE
 ITHCKSCTLFPPNPNLPPATRERPPGCKTVFVGGLPENGTEQIIVEVFEQCGEIIAIRKSKKNFCHIRF
 AEEYMDKALYLSGYRIRLGSSTDKKDGTGRHVDFAQARDDLWEWECKQRMAREERHRRMEERLRPP
 SPPPVVHYSDHECSIVAELKDDSKFSEAVQTLTWERGEVNRSSANFYSMIQSANSHVRRVLVNEKAA
 HEKDMEEAKEKFKQALSGILIQFEQIVAVYHSASKQKAWDHFTKAQRKNISVWCKQAEERIINHDELMG
 IRREEMEMSDDEIEEMTETKETESALVSQAEALKEENDSLRWQLDAYRNEVELLKQEQGVHREDDPN
 KEQQLKLLQALQGMQQLHLLKVQEEYKKKEAELEKLKDDKLQVEKMLENLKEKESASRLCASNQDSEYP
 LEKTMNSSPIKSEREALLVGIISTFLHVPFGASIEYICSYLHRLDNKICTSDVECLMGRQLQHTFKQEMT
 VVGASLEKRWKFCGFGLKLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001281736
ORF Size:	1743 bp
Buffer:	PBS with 0.001% Pluronic F10733
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_001281736.1, NP_001268665.1</u>
RefSeq Size:	4036 bp
RefSeq ORF:	1746 bp
Locus ID:	10495
UniProt ID:	<u>Q16206</u>
Cytogenetics:	Xq26.1
MW:	66.6 kDa