

Product datasheet for **MR215484A1V**

Mouse Nox3 (NM_198958) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nox3 (NM_198958) AAV Particle
Tag:	Myc-DDK
Symbol:	Nox3
Synonyms:	GP91-3; het; nmf25; nmf250
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR215484 representing NM_198958
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCGGTGTGCTGGATTCTGAACGAGAGTGGTCTTCGTGGTTGCTCTTATGGCTGGCAGTAAACG
 CCTATCTGTTTATTGACACATTCTTCTGGTATACTGAAGAGGAGGCTTTCTTTTATACACGAGTTATTCT
 GGGTCCGCATTGGCATGGGCCCGGCATCTGCCGTGTCCTGAATTTAACTGCATGCTAATTCTGTTA
 CCTGTCAGTCGGAACCTCATTCTCACTGGTGAGAGGAACAAGTGTGTGCTGTAGAGGACCTGGAGAAGAC
 AACTAGACAAAAACCTCAACTCCACAACTCGTTGCCTACGGGATAGCTGTCAATTCACTTATCCACAT
 TGTGGCACACTTGTTCACCTGGAGCGTTATCACCTGGGTGAGGCAAGGATGCTGAAGGGCTGCTGGCT
 GCATTTCCAACTTGGCGATGCCCCAAATGAGAGCTACCTCAATCCAGTCCGCACCTTTGATATGGGCA
 CAACCACTGAGCTATTGATGACAGTGTGAGGAATTACTGGCTGGGTATCTCTCTGGCTCTGGTCTTCAT
 CATGACCTCTTCAACGAATTCATCAGAAGGTCTCTTATGAGCTCTTCTGGTACACACACCATATCTTT
 GTCTTCTTCTTATCAGTCTGGCCATCCACGGAGGAGTGCATCATTGAGGCCAACTCCAGAGAGTC
 TCCGGGTGCACATGTCACGTACTGCAGAGACCACTATGCTGAATGGCAGGCAGCTGCCTTATGCCCTGT
 ACCTCAATTTCTGGCAAGGAACCTTCGGCCTGGAAATGGGCTTTGGGTCTGTGGTCTTGTATGCGTGT
 GAAAGAATAATTAGGTTCTGGAGATCTCACCAAGAAGTTGTCATTACCAAGGTGGTGAGTCACCCATCTG
 CAGTCTCGAACTTCACATGAAGAAGCGAGACTTCAAGATGGCACCTGGACAGTACATCTTCATCCAGTG
 CCCATCTGTCTCCCCCTGGAGTGGCACCCCTTCACTCTACCTCCGCTCCCCAGGAGGACTTCTTCAGT
 GTACACATCAGAGCCTCAGGAGACTGGACAGAGCGCTTATTGAAGGCCTTAGAGTAGAGGGACAGGCTC
 CCAGTGAGCTCTGTAGCATGCCGAGGCTAGCAGTGGATGGGCCCTTTGAGGCTCTCTGGCAGATGTATT
 TCACTACCCCGTGAGCGTGTGCATTGCAACGGGAATTGGAGTCACTCCCTTCGCCTCTCTTCTGAAGTCT
 GTGTGGTATAAGTGTTGTGAATCACAGAGCCTGCCTGAGCTGAGCAAGGTGTAATTCTATTGGATCTGCC
 GGGATGCCGGAGCATTTGAGTGGTTTGTGATCTGTTACTGTCACTGGAAACACGGATGAGTGAACAAGG
 GAAGGCTCATTTACTGAGCTACCATATATCTCACTGGCTGGGATGAAACCAGGCAATTCACATAGCT
 TTACACTGGGATGAAAGTCTGGATGTGATAACAGGCTTAAAGCAGAAGGCTTTCTATGGGCGACCAACT
 GGAACGACGAATTCAGCAGATTGCCTACAATCACCCAGCAGCAGATTGGCGTGTCTCTGTGGATC
 CAAAGCCATGTCAAAGACTCTTCAAAGATGTGTCGTTGTACTCATCTGTGGATCCGAGGGCGTTCAT
 TTCTATTACAACAAGGAAAATTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPVCWILNESGSFVALLWLAVNAYLFIDTFFWYTEEEAFFYTRVILGSALAWARASAVCLNFCMLILL
 PVSRLFISLVRGTSVCCRGPWRRQLDKNLNFHKLVAAGIYVNSVIHIVAHLFNLERYHLGQAKDAEGLLA
 ALSKLGDPNYESYLNVPRTFDMGTTTELLMTVSGITGLISLALVFIMTSSTEFIRRSSYELFWYTHHIF
 VFFFISLAIHGGGRIIRGQTPESLRLHNVTYCRDHYAEWQAAALCPVPQFSGKEPSAWKALGPVLYAC
 ERIIRFWRSHQEVVITKVVSHPASVLELHMKRDFKMAPGQYIFIQCPVSPLWHPFTLTSAPEDEFFS
 VHIRASGDWTEALLKAFRVEGQAPSELCSMPRLAVDGPFGSLADVHFYVSVCIATGIGVTPFASLLKS
 VWYKCCESQSLPELSKVYFYWICRDAGAFEFADLLLLETMRMSEQGAHLLSYHIYLTGWDENQAIHIA
 LHWDESLDVITGLKQKAFYGRPNWNDEFKQIAYNHPSSSIGVFFCGSKAMSKTLQKMCRLYSSVDPRGVH
 FYYNKENF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_198958
ORF Size:	1704 bp
Buffer:	PBS with 0.001% Pluronic F2274
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_198958.2</u> , <u>NP_945196.2</u>
RefSeq Size:	1792 bp
RefSeq ORF:	1707 bp
Locus ID:	224480
UniProt ID:	<u>Q672I9</u>
Cytogenetics:	17 2.05 cM
MW:	64.9 kDa