

Product datasheet for **MR227192A1V**

Mouse Nox4 (NM_015760) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nox4 (NM_015760) AAV Particle
Tag:	Myc-DDK
Symbol:	Nox4
Synonyms:	AI648021
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227192 representing NM_015760
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGTGCTCCTGGAGGAGCTGGCTGGCCAACGAAGGGGTTAAACACCTCTGCCTGCTCATTGGCTGT
 CCTAAACGTTCTACTTTCTGGAAAACCTTCCTGCTGTACAACCAAGGGCCAGAATACTACTACATTCA
 CCAATGTTGGCCTAGGATTGTGTTTAAAGCAGAGCATCTGCATCTGCTGAACCTCAACTGCAGCCTC
 ATCCTTTTACCTATGTGCCGGACAGTCTGGCTTATCTTCGAGGATCACAGAAGGTCCCTAGCAGGAGAA
 CAAGAAGATTGTTGGATAAAAGCAAGACTCTACACATCACATGTGGTGAACATCTGTATTTCTCAGG
 TGTGCATGTAGCCGCCCACTTGGTGAATGCCCTCAACTTTTCAGTGAACACAGTGAAGATTTCTTGAA
 CTGAATGCAGCAAGATACCAGAATGAGGATCCAGAAAGCTTCTCTTCAACCATTCTGGTCTGACGG
 GTGTCTGCATGGTGGTGGTATTGTTCTCATGGTTACAGCTTCTACCTACGCAATAAGAGTTTCTAATTA
 TGATATCTTCTGGTATACTCACAACTCTTCTTGTCTTCTACATGCTGCTGCTGTTGCATGTTTCAGGT
 GGTTTGTGAAGTATCAGACAAATGTAGACACTCACCTCCTGGCTGCATTAGTCTTAACCAGACATCAT
 CCCAGAATATGTCCATACCAGACTACGCTCTCAGAACATTTTCATGGATCTTTCCTCGAGGGTTTCAAA
 ATTAGAAGATCGTTACCAGAAAACACTTGTGAAGATTTGCCTGGAAGAACCAAGTTCCAAGCTCATTT
 CCACAGACCTGGATTTGGATTTCTGGACCTTTGTGCCTTTATTGTGCGGAGAGACTTTACCGATGCATCA
 GGAGCAACAAACCTGTCAACATCATCTCAGTCATCAATCATCCCTCTGATGTAATGGAACCTCCGTATGAT
 CAAAGAAAACCTTAAAGCAAGACCTGGCCAGTATATTATCTCCATTGCCCCAGTGTATCAGCATTAGAA
 AACCACCCATTTACTCTACAATGTGTCTACTGAAACCAAGCAACATTTGGTGTCCACTTTAAAGTAG
 TAGGAGACTGGACAGAACGATTCCGGGATTTGCTACTGCCTCCATCAAGTCAAGACTCTGAGATTTCTGCC
 CTTTATTCACTCTAGAAATTACCCTAAGTTATACATTGATGGTCCATTTGGAAGCCCATTTGAGGAGTCA
 CTGAACTATGAAGTTAGTCTCTGTGTGGCTGGAGGCATTGGAGTCACTCCATTTGCATCGATACTAAACA
 CTCTACTGGATGACTGGAACCATAACAAGTTAAGAAGACTGTACTTTATCTGGGTGTGCAGAGACATCCA
 ATCATTCCAGTGGTTTGCAGATTTACTCTGTGTGTGCATAACAAGTTTTGGCAAGAAAACAGACCTGAC
 TTTGTGAACATCCAGCTGTACCTCAGTCAAACAGATGGGATTCAGAAGATAATTGGAGAAAAATATCACA
 CACTGAATTCGAGACTTTTCATTGGCGTCCTCGGTGGAACCTTTATTTGATGAAATAGCAAAATGTAA
 CAGAGGGAACAGTTGGAGTTTCTGCTGTGGACCCAGTTCTATTTCCAAGACTCTTCATAGTTTGAGT
 AACCGGAACAACATCATATGGGACAAAATTTGAATACAATAAAGAATCCTTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MAVSWRSLANEGVKHLCLLIWLSLNVLLFWKTFLLYNQGPEYYYIHQMLGLGLCLSRASASVLNLCNL
 ILLPMCRTVLAYLRGSQKVPSSRRTRRLDKSKTLHITCGVTICIFSGVHVAHLVNALNFSVNYSEDFLE
 LNAARYQNEDPRKLLFTTIPGLTGVCMMVVFLMVTASTYAIRVSNYDIFWYTHNLFFVFYMLLLHVS
 GLLKYQTNVDTHPPGCISLNQTSQNMSIPDYVSEHFHGS�PRGFSKLEDYQKTLVKICLEEPKFQAHF
 PQTWIIWISGPLCLYCAERLYRCIRSINKPVTTISVINHPSDVMELRMKENFKARPGQYIILHCPVS
 SALENHPFTLTMCPTETKATFGVHFVVDWTERFRDLLPPSSQDSEILPFIHSRNPPLYIDGPF
 GSPFEESLNYEVS�CVAGGIGVTPFASILNTLLDDWKPYKLRLYFIWVCRDIQSFQWFADLLCVLHNK
 FWQENRPD FVNIQLYLSQTDGIQKIIGEKYHTLNSRLFIGRPRWKLLFDEIAKCNRGKTVGVFCCG
 PSSISKTLHSLNRRNNSYGTKEFNKESFS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_015760
ORF Size:	1734 bp
Buffer:	PBS with 0.001% Pluronic F4246
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_015760.5</u> , <u>NP_056575.1</u>
RefSeq Size:	3760 bp
RefSeq ORF:	1737 bp
Locus ID:	50490
UniProt ID:	<u>Q9JHI8</u>
Cytogenetics:	7 D3
MW:	67 kDa