

Product datasheet for **MR222552A1V**

Mouse Nkx6-2 (NM_183248) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nkx6-2 (NM_183248) AAV Particle
Tag:	Myc-DDK
Symbol:	Nkx6-2
Synonyms:	Gtx; Nkx6.2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR222552 representing NM_183248 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGACGCTAACCGCCCGGGTGCCTTTGTGCTGAGCAGCGCGCCTTTAGCCGCGCTGCACAACATGGCTG
AGATGAAGACGTCGCTGTTCCCTACGCGCTGCAGGGCCCGCGGGCTTCAAGACACCCGCCCTAGGCAG
CCTTGGCGCGCAGTTGCCTCTAGGCACTCCGCACGGCATCAGCGACATCCTGGGACGGCCGGTGGCGCA
GCGGGTGGCGGCTCCTAGGAAGTCTGCCCCGTCTCAACGGGCTCGCCTCGTCTGCAGGTGTCTACTTCG
GGCCCGCAGCCCGTGGCTCGGGCTACCCCAAGCCGCTGGCGGAAGTGCCTGGGCGCCCGCCATCTT
CTGGCCTGGGGTGGTGCAGGGCTCTCCCTGGAGGGACCCGCGACTGGCCGGCTCCGCCCAAGCCGGCGGG
GTCCTGGATAAGGATGGCAAGAAGAACTCGCGGCCGACTTTCTCCGGCCAGCAGATCTTCGCGCTGG
AGAAGACTTTTCGAGCAGACCAAGTATTTGGCAGGCCAGAGCGCGCGGCTTGCTACTCTCTGGGCAT
GACCGAGAGCCAAGTGAAGGTGTGGTTCCAGAATCGGCGGACCAAGTGGCGCAAGCGGCACGCGGAGAG
ATGGCGTCGGCTAAAAAGAAGCAAGACTCGGATGCCGAGAAGCTGAAGGTGGGTGGCTCAGACGCGGAGG
ACGATGACGAATACAACCGCCCTGGACCCCACTCCGATGACGAGAAGATCACGCGGCTTCTCAAAA
GCACAAACCCTCGAATTGGCGCTCGTTAGCCCGTGTGGTGGCAGCGCGGGGACGCCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>MR222552 representing NM_183248 Red=Cloning site Green=Tags(s) MDANRPGAFVLSSAPLAALHNMAEMKTSLFPYALQGPAGFKTPALGSLGAQLPLGTPHGISDILGRPVG AGGGLLGSLPRLNGLASSAGVYFGPAAAVARGYPKPLAELPGRPPIFWPGVVQGSPWRDPRLAGSAQAGG VLDKDGKKKHSRPTFSGQQIFALEKTFEQTKYLAGPERARLAYSLGMTESQVKVWFQNRRTKWRKRHAAE MASAKKKQSDAEKLVGGSDAEDDDEYNRPLDPNSDDEKITRLLKKHKPSNLALVSPCGGSAGDAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_183248
ORF Size:	831 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:	<u>NM_183248.3, NP_899071.2</u>
RefSeq Size:	1306 bp
RefSeq ORF:	834 bp
Locus ID:	14912
Cytogenetics:	7 84.57 cM
MW:	29.8 kDa

Product images:



Specificity validation of AAV particles with overexpression of the Mouse Nkx6-2 gene (NM_183248). 72 hours post infection of HEK293T cells using Nkx6-2 AAV particles, Nkx6-2 gene expression (showed green) has been recognized by anti-DDK (FLAG) monoclonal antibody (Cat#: [TA50011-1], Dilution: 1:400).