

Product datasheet for **MR226631A1V**

Mouse Foxo3 (NM_019740) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Foxo3 (NM_019740) AAV Particle
Tag:	Myc-DDK
Symbol:	Foxo3
Synonyms:	1110048B16Rik; 2010203A17Rik; C76856; Fkhr2; FKHL1; Foxo3a
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR226631 representing NM_019740
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGAGGCACCGCCTCCCGGTCCCGCTCTCTCCGCTCGAAGTGGAGCTGGACCCAGAGTTCGAGC
 CACAGAGTCGGCCACGCTCCTGTACGTGGCCCCCTGCAGAGGCCGGAGCTGCAGGCAGGCCGGCCAAAGCC
 CTCGGGGGAGACGGCCGAGACTCCATGATCCCGAGGAGGACGACGATGAAGACGACGAGGACGGCGGC
 GGCCGAGCCAGCTCGGCCATGGTGATCGGTGGCGGCGTGAGCAGCAGCTGGGTTCCGGGCTGCTCCTCG
 AGGATTCGGCCATGCTGCTGGCTCCAGGAGGGCAGGACCTCGGGTCGGGGCCAGCGTCCGCCGAGGCGC
 TCTGAGTGGGGGACGCCGACGAGCTGCAGCCTCAGCAGCCACTGCCACAGCCGAGCCGGGGGCGGCT
 GGGGGCTCTGGGCAACCAAGGAAATGCTCCTCGCGCGGAATGCCTGGGGGAACCTGTCTATGCCGACC
 TGATCACCCGCCCATCGAGAGCTCCCGGACAAACGGCTCACTTTGTCCAGATCTACGAGTGGATGGT
 GCGCTGTGTGCCCTACTTCAAGGATAAGGGCGACAGCAACAGCTCTGCGGGCTGGAAGAACTCCATCCGG
 CACAACCTGTCCCTGCACAGCCGCTTCATGCGCGTTTCAAGATGAAGGCACGGGCAAGAGCTCTTGGTGGA
 TCATCAACCCCGATGGGGGAAAGAGCGGGAAGGCCCGCGCGCTGCGGTCTCCATGGACAACAGCAA
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 GACGACAGTCCTTCCAGCTCTCCAAGTGGCTGGCAGCCCCACGTCCCGCAGCAGCGACGAGCTGGATG
 CGTGGACCGACTTCCGCTCGCGCACCAATTCCAACGCCAGCACCGTGAGCGGCCGCTGTGCGCCATCCT
 GGCAAGCAGGAGCTGGATGACGTCCAGGATGATGATGGACCCCTGTCCCCATGCTGTACAGCAGCTCT
 GCCAGCCTGTGCCCCCTCGTGAGCAAGCCGTGTACTGTGGAGCTTCCGCGGCTGACGGACATGGCCGGCA
 CCATGAATCTGAATGATGGGCTGGCCGAGAACCCTATGGACGACCTGCTGGATAAACATCGCGCTCCCGCC
 ATCGCAGCCATCGCCTCCTGGCGGGCTTATGCAGCGGGGCTCCAGCTTCCCATATACCGCCAAGAGCTCC
 GGCCTGGGCTCCCCAACCGGCTCCTTCAACAGTACCGTGTGGACCTTCGTCTCTGAACTCCTTGCGTC
 AGTCACCCATGCAGACTATCCAGGAGAACAGACCAGCCACCTTCTCTCCGTGTCACACTACGGCAACCA
 GACACTCCAAGACCTGCTTGCTTCACTCACTCAGCCACAGCGACGTATGATGACCCAGTCGGACCCC
 TTGATGTCTCAGGCTAGCACCGCGGTGTCGCCCCAGAATGCCCGCCGGAACGTGATGCTTCGCAACGATC
 CAATGATGTCTTTGCTGCCAGCCTACCCAGGGGAGTTTGGTCAATCAGAACTTGCTCCACCACCAGCA
 CCAAACCCAGGGCGCTTGGTGGCAGCCGTGCCTTGTCAAATCTGTGACGCAACATGGGCTTGAGTGAC
 TCCAGCAGCCTTGGCTCAGCCAAACACCAGCAGCAGTCTCCCGCCAGCCAGTCTATGCAAACCTCTCGG
 ACTCTCTCTCAGGCTCCTCACTGTATTAGCTAGTGCAAACCTTCCCGTCATGGGCCACGATAAGTTCCC
 CAGTGACTTGGACCTGGACATGTTCAATGGGAGCTTGAATGTGACATGGAGTCCATCATCCGTAGTGAA
 CTCATGGATGCTGACGGGTTGGATTTTAACTTTGACTCCCTCATCTCCACACAGAACGTTGTTGGTTTGA
 ATGTGGGGAACCTCACTGGTGCTAAGCAGGCCTCATCTCAAAGCTGGGTACCAGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR226631 representing NM_019740 Red=Cloning site Green=Tags(s) MAEAPASPVPLSPLEVELDPEFEPQSRPRSCWPLQRPELQASPAKPSGETAADSMIPEEDDDDEDG GRASSAMVIGGVSSTLGSGLLLED SAMLLAPGGQDLGSGPASAAGALSGGTPTQLQPQQPLPQPQPGAA GGSGQPRKCSSRRNAWGNLSYADLITRAIESSPDKRLTLSQIYEWVRCVPYFKDKGDSNSSAGWKN SIR HNL SLHSRFRMVQNEGTGKSSWWIINPDGGKSGKAPRRRAVSMDNSNKYTKSRGRAAKKKAALQAAPESA DDSPSQLSKWPGSPTSRSSELD AWTDFRSRTNSNASTVSGRLSPILASTE LDDVQDDDGPLSPMLYSSS ASLSPSVSKPCTVELPRLTDMAGTMNLNDGLAENLMDDLLDNIALPPSQSPPGGLMQRGSSFPYTAKSS GLGSPTGSFNSTVFGPSSLNSLRQSPMQTIQENRPATFSSVSHYGNQTLQDLLASDSL SHSDVMMTQSDP LMSQASTAVSAQNARRNVMLRNDPMMSF AAQPTQGSLVNQNL LHHQHTQGALGGSRALSNSVSNMGLSD SSSLGSAKHQQSPASQSMQTLSDSLSGSSLYSANLPVMGHDKFPSDL DLMFNGLSLECDMESIIRSE LMDADGLDFNFDLSLISTQNVVGLNVGNFTGAKQASSQSWVPG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_019740
ORF Size:	2016 bp
Buffer:	PBS with 0.001% Pluronic F4150
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_019740.2</u>
RefSeq Size:	2889 bp
RefSeq ORF:	2019 bp
Locus ID:	56484
UniProt ID:	<u>Q9WWH4</u>
Cytogenetics:	10 22.79 cM
MW:	71.5 kDa