

## Product datasheet for **MR222345A1V**

### Mouse Foxo4 (NM\_018789) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Foxo4 (NM_018789) AAV Particle
Tag:	Myc-DDK
Symbol:	Foxo4
Synonyms:	afx; Afxh; Mllt7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR222345 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATCCAGAGAATAAGAAGTCAGCCACAGGGGCTGCCGCGATCCTAGACCTCGATCCCGACTTCAAC  
 CCCAGAGCCGTCGCGATCCTGCACCTGGCCCTTCTCGACCAGACCTCGCTACGGAGCCACACGAACC  
 GTCCGAGGTGGAGCCAGTCTGGGACAGAAGGTACCCACGGAGGGACACTCCGAACCGATCCTGTTGCC  
 TCTCGGCTCCCAGAGCCGGCAGGGGGCCCCAGCCGGGAATCCTGGGGCTGTAACAGGTCTCGGAAGG  
 GAGGCTCCCGCCGAATGCCTGGGAAATCAGTCATATGCAGAAGTCTCAGCCAGGCCATTGAAAGCGC  
 CCCGGAGAAGCGGCTGACACTCGCCAGATCTACGAATGGATGGTCCGCACGGTGCCTACTTCAAGGAC  
 AAGGGTACAGCAACAGCTCGGCAGGATGGAAGAAGTCCATCCGTCAACCTGTCTTGCACAGCAAGT  
 TCATCAAGGTTACAACGAGGCCACTGGCAAGAGCTCTTGGTGGATGCTGAACCCCGATGGCGGCAAGGG  
 TGGCAAGGCACCCCGCCGAGGGCTGCCTCCATGGATAGCAGCAGCAAGCTGCTCCGGGGCCGCAGCAA  
 GGCCCCAAGAAGAAGCCGTCTGTCTGCAGCTCCACCGGAAGGTGCCACGCCAAGGAGCCCTCTGGGCC  
 ACTTTGCCAAGTGGTCAAGCAGCCCTTGTCTCGAAATCGAGAAGAAGCTGATGTGTGGACCACTTTCCG  
 TCCACGAAGCAGTTCAAATGCTAGCACCGTCAACCCGGCTGTCCGCAATGAGGCCGGAGTCTGAAGTG  
 CTAGCAGAAGAGGAAATGCCAGCCTCGGCCAGCAGCTATGCAGGGGGGTCCCTCCCACGCTCAGTGAAG  
 ATCTAGAGCTACTGGATGGGCTCAATCTCGCATCTCCCATTCCTTGCTCTAGGAGCGGTCTCTCCGG  
 CTTCTCTTGCAGCATCCTGGGCTTGTGGCCCTTACATAGCTATGGTGCTCCCTCTTTGGCCCAATA  
 GATGGGCTTTTGTGAGCAGGAGAAGGGTGTCTTCAAGTCCCAGTCTCTAGAGGCTCTGCTCACCTCTG  
 ATACACCACCTCTGCTGATGCTCATGACCCAGGTAGTCTATCTCTGCTCAGGCTCTACACT  
 TCTGTTACTGGGAGGAATGCCTTCTCTAGCAAGCTGGGCACAGGAGTACGCTGTGTCTACGCCGCTA  
 GAGGGTCTGGTCCCAGCAACCTGGTCCCAACCTTTCTGTGATGGCACCAACCCAGTCATGGCAGGCG  
 CTCCCATCCCTAAGGCTCTGGGAACCCCTGTGCTCGCATCTCCTACTGAAGATCCAGCCATGACAGAAT  
 GCCTCAGGATCTGGATCTTGATATGTATATGGAGAAGCTGGAGTGGGACATGGATAACATCATCAGTGAC  
 CTCATGGATGGTGGGACTGGACTTCAACTTTGAGCCAGATCCC

**ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA**

**Protein Sequence:**

>MR222345 protein sequence  
 Red=Cloning site Green=Tags(s)

MDPENKKSATGAAAILDLPDFEPQSRPRSCWPLPRPDLATEPHEPSEVEPSLGQKVPTEGHSEPIILLP  
 SRLPEPAGGPQPGILGAVTGPRKGGSRNNAWGNQSYAELISQAIESAPEKRLTLAQIYEWVVRTVPYFKD  
 KGDSNSSAGWKNIRHNLHLHSKFIKVHNEATGKSSWMLNPDGGKGGKAPRRRAASMDSSKLLRGRSK  
 GPKKKPSVLPAPPEGATPRSPGHFAKWSSPCPRNREEADVWTFRPRSSSNASTVSTRSPMRPESEV  
 LAEEEMPASASSYAGGVPPTLSEDLLELDGLNLASPHSLLSRGLSGFSLQHPGLAGPLHSYGASLFGPI  
 DGSLSAGEGCFSSQSLEALLTSDTPPPADVLMQVDPILSQAPTLILLGGMPSSSKLGTGVSLCPTPL  
 EGPGPSNLVFNLSVMAPPVMAGAPIPKVLGTPVLAASPTEDSSSHDRMPQDLDLDMYMNLECDMDNIISD  
 LMDGEGLDNFEPDP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_018789

**ORF Size:**

1518 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_018789.2</a></u> , <u><a href="#">NP_061259.1</a></u>
<b>RefSeq Size:</b>	3162 bp
<b>RefSeq ORF:</b>	1518 bp
<b>Locus ID:</b>	54601
<b>UniProt ID:</b>	<u><a href="#">Q9WVH3</a></u>
<b>Cytogenetics:</b>	X 43.89 cM
<b>MW:</b>	53.6 kDa