

Product datasheet for **RC209846A1V**

Human FOXO3 (NM_001455) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FOXO3 (NM_001455) AAV Particle
Tag:	Myc-DDK
Symbol:	FOXO3
Synonyms:	AF6q21; FKHRL1; FKHRL1P2; FOXO2; FOXO3A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209846 representing NM_001455
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGAGGCACCGGCTTCCCCGGCCCCGCTCTCTCCGCTCGAAGTGGAGCTGGACCCGGAGTTCGAGC
 CCCAGAGCCGTCGCGATCCTGTACGTGGCCCCCTGCAAAGGCCGGAGCTCCAAGCGAGCCCTGCCAAGCC
 CTCGGGGGAGACGGCCGCTGACTCCATGATCCCGAGGAGGAGACGATGAAGACGACGAGGACGGCGGG
 GGACGGGCCGGCTCGGCCATGGCGATCGGCGCGGGCGGGAGCGGCACGCTGGGCTCCGGGCTGCTCC
 TTGAGGACTCGGCCCGGGTGTGGCACCCGGAGGGCAAGACCCGGGTCTGGGCCAGCCACCGCGCGGG
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 TCAGCCAGCCTGTCACCTTCAGTAAGCAAGCCGTGCACGGTGGAACTGCCACGGCTGACTGATATGGCAG
 GCACCATGAATCTGAATGATGGGCTGACTGAAAACCTCATGGACGACCTGCTGGATAACATCACGCTCCC
 GCCATCCCAAGCCATCGCCCACTGGGGGACTCATGCAGCGGAGCTCTAGCTTCCCGTATACCAACCAAGGGC
 TCGGGCTGGGCTCCCCAACCAGCTCCTTTAACAGCACGGTGTTGCGACCTTCATCTCTGAACTCCCTAC
 GCCAGTCTCCCATGCAGACCATCCAAGAGAACAAGCCAGCTACCTTCTCTTCCATGTCACACTATGGTAA
 CCAGACACTCCAGGACCTGCTCACTTCGGACTCACTTAGCCACAGCGATGTCATGATGACACAGTCGGAC
 CCCTTGATGTCTCAGGCCAGCACCGCTGTGTCTGCCAGAATTCCCGCCGAACGTGATGCTTCGCAATG
 ATCCGATGATGTCCTTTGCTGCCAGCCTAACCCAGGGAAGTTTGGTCAATCAGAACTTGCTCCACCACCA
 GCACCAAAACCCAGGGCGCTCTTGGTGGCAGCCGTGCCTTGTGCAATTCTGTCAGCAACATGGGCTTGAGT
 GAGTCCAGCAGCCTTGGGTGAGCAACACCAGCAGCAGTCTCCTGTCAGCCAGTCTATGCAAACCTCT
 CGGACTCTCTCAGGCTCCTCCTTGTACTCAACTAGTGCAAACCTGCCCGTCATGGGCCATGAGAAGTT
 CCCCAGCGACTTGACCTGGACATGTTCAATGGGAGCTTGAATGTGACATGGAGTCCATTATCCGTAGT
 GAACTCATGGATGCTGATGGGTTGGATTTAACTTTGATTCCCTCATCTCCACACAGAATGTTGTTGGTT
 TGAACGTGGGGAACCTCACTGGTGCTAAGCAGGCCTCATCTCAGAGCTGGGTGCCAGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209846 representing NM_001455 Red=Cloning site Green=Tags(s) MAEAPASPAPLSPLEVELDPEFEPQSRPRSCWPLQRPELQASPAKPSGETAADSMIPEEEDDEDDEGG GRAGSAMAIAGGGGGSGTLGSGLLLED SARVLAPGGQDPGSGPATAAGGLSGGTQALLQPQQPLPPPQPGA AGGSGQPRKCSSRRNAWGNLSYADLITRAIESSPDKRLTLSQIYEWVRCVPYFKDKGDSNSSAGWKNSI RHNLSLHSRFRMVQNEGTGKSSWWIINPDGGKSGKAPRRRAVSMDNSNKYTKSRGRAAKKKAALQTAPES ADDSPSQLSKWPGSPTSRSSELDAWTDFRSRTNSNASTVSGRLSPIMASTELDEVQDDAPLSPMLYSS SASLSPSVSKPCTVELPRLTDMAGTMNLNDGLTENLMDLLDNITLPPSQPSPTGGLMQRSSSFYTTKG SGLGSPTSSFNSTVFGPSSLNSLRQSPMQTIQENKPATFSSMSHYGNQTLQDLLTSDSLSHSDVMMTQSD PLMSQASTAVSAQNSRRNVMLRNDPMSFAAQPNQGS LVNQLLHHQHQTQGALGGSRALSNSVSNMGLS ESSSLGSAKHQQSPVSQSMQTLSDSLSGSSLYSTANLPVMGHEKFPSDLDLDMFNGSLECDMESIIRS ELMDADGLDFNFDSL ISTQN VVGLNVGNFTGAKQASSQSWVPG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001455
ORF Size:	2019 bp
Buffer:	PBS with 0.001% Pluronic F6517
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_001455.2</u>
RefSeq Size:	3338 bp
RefSeq ORF:	2022 bp
Locus ID:	2309
UniProt ID:	<u>O43524</u>
Cytogenetics:	6q21
MW:	71.1 kDa