

Product datasheet for **RC200477A1V**

Human FOXO1 (NM_002015) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FOXO1 (NM_002015) AAV Particle
Tag:	Myc-DDK
Symbol:	FOXO1
Synonyms:	FKH1; FKHR; FOXO1A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200477 representing NM_002015
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCGAGGCGCCTCAGGTGGTGGAGATCGACCCGACTTCGAGCCGCTGCCCCGGCCGCGCTCGTGCA
 CCTGGCCGCTGCCCAGGCCGGAGTTTAGCCAGTCCAACCTCGGCCACCTCCAGCCCGCGCCGTCGGGCAG
 CGCGGCTGCCAACCCGACGCCGCGCGGGGCTGCCCTCGGCCTCGGCTGCCGCTGTGAGCGCCGACTTC
 ATGAGCAACCTGAGCTTGCTGGAGGAGAGCGAGGACTTCCCGCAGGCGCCCGGCTCCGTGGCGGCGCGG
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 GCGCTGGGCGCTCGCGGGGACGCCGCAAGAGCAGCTCGTCCGCGCAACGCGTGGGGCAACCTGT
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 ATGATGACTTTGATAACTGGAGTACATTTGCCTCGAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGT
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 GTTCTGGGCCAGAACGTCATGATGGGCCCTAATTCGGTCATGTCAACCTATGGCAGCCAGGTATCTCATA
 ACAAATGATGAATCCAGCTCCCATACCCACCCTGGACATGCTCAGCAGACATCTGCAGTTAACGGGCG
 TCCCTGCCCCACACGGTAAGCACCATGCCCCACACCTCGGGTATGAACCGCTGACCAAGTGAAGACA
 CCTGTACAAGTGCCTCTGCCCCACCCATGCAGATGAGTGCCTGGGGGCTACTCCTCCGTGAGCAGCT
 GCAATGGCTATGGCAGAATGGGCCTTCTCCACCAGGAGAAGCTCCCAAGTGACTTGGATGGCATGTTTAT
 TGAGCGCTTAGACTGTGACATGGAATCCATCATTTCGGAATGACCTCATGGATGGAGATACATTGGATTTT
 AACTTTGACAATGTGTTGCCCAACAAAGCTTCCACACAGTGTCAAGACAACGACACATAGCTGGGTGT
 CAGGC

CTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACG
 ATAAGGTTTAA

Protein Sequence:	>RC200477 representing NM_002015 Red=Cloning site Green=Tags(s) MAEAPQVVEIDPDFEPLPRPRCTWPLPRPEFSQSNSTSSPAPSGSAAANPDAAAGLPSASAAVSAADF MSNLSLLESEDFPQAPGSVAAVAAAAAAATGGLCGDFQGPEAGCLHPAPPQPPPGPLSQHPPVPPA AAGPLAQPRKSSSRNNAWGNLSYADLITKAIESSAEKRLTLSQIYEWVKSVPYFKDKGDSNSSAGWK NSIRHNLSLHSEFIRVQNEGTGKSSWMLNPEGKSGKSPRRRAASMDNNSKFAKSRRAAKKKASLQSG QEGAGDSPGSQFSKWPASPGSHSNDNDFDNWSTFRPRTSSNASTISGRLSPIMTEQDDLGEQDVHSMVYPP SAAKMASTLPSLSEISNPENMENLLDNLNLLSSPTSLTVSTQSSPGTMMQQTPCYSFAPPNTSLNSPSPN YQKYTYGQSSMSPLPQMPIQTLQDNKSSYGMSQYNCAPGLLKELLTSDSPPHNDIMTPVDGVAQPNRSR VLGQNVMMGPNVSMSTYGSQVSHNMMNPSSHTHPGHAQQTSAVNGRPLPHTVSTMPHTSGMNRLTQVKT PVQVPLPHPMQMSALGGYSSVSSCNGYGRMGLLHQEKLPSDLGDMFIERLDCDMESIIRNDLMDGDTLDF NFDNVLPNQSFPHSVKTTTHSWVSG LEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002015
ORF Size:	1965 bp
Buffer:	PBS with 0.001% Pluronic F5068
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_002015.2</u>
RefSeq Size:	5723 bp
RefSeq ORF:	1968 bp
Locus ID:	2308
UniProt ID:	<u>Q12778</u>
Cytogenetics:	13q14.11
MW:	69.5 kDa