

Product datasheet for **MR229411A1V**

Mouse Atf4 (NM_001287180) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Atf4
Synonyms:	Atf-4; C/ATF; CREB2; TAXREB67
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR229411 representing NM_001287180 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACCGAGATGAGCTTCTGAACAGCGAAGTGTGGCGGGGACTTGATGTCCCCCTTCGACCACTCGG
GTTTGGGGGCTGAAGAAAGCCTAGGTCTCTAGATGACTATCTGGAGGTGGCAAGCACTTGAAACCTCA
TGGGTTCTCCAGCGACAAGGCGGGCTCCTCGGAATGGCCGGCTATGGATGATGGCTTGGCCAGTGCCTCA
GACACCGGCAAGGAGGATGCCTTTTCCGGGACAGATTGGATGTTGGAGAAAATGGATCTGAAAGAGTTTG
ACTTCGATGCTCTGTTTCGAATGGATGACCTGGAACCATGCCAGATGAGCTCTTGACCACGTTGGATGA
CACATGTGATCTTTTGGCCCTCTAGTCCAAGAGACTAATAAGGAGCCCCCTCAGACAGTGAACCAATT
GGCCATCTCCCAGAAAGTTTAATAAAAGTCGACCAAGTTGCCCCCTTTACATTCTTGACGCTTTTCCCT
GTTCCCAGGGGTTCTGTCTTCCACTCCAGAGCATTCTTTAGTTTAGAGCTAGGCAGTGAAGTTGATAT
CTCTGAAGGAGACAGGAAGCCTGACTCTGCTGCTTACATTACTCTAATCCCTCCATGTGTAAGGAGGAA
GACACTCCCTCTGACAATGACAGTGGCATCTGTATGAGCCAGAGTCTACCTGGGCTCTCCCCAGCATA
GCCCCCTCCACCTCCAGGGCCCCACAGACAATCTGCCTTCTCCAGGTGGTTCCCGTGGGTCTCCTCGGCC
CAAACCTTATGACCCACCTGGAGTTAGTTTGACAGCTAAAGTGAAGACTGAGAAATTGGATAAGAAGCTG
AAAAAGATGGAGCAAAACAAGACAGCAGCCACTAGGTACCGCCAGAAGAAGCGGGCTGAGCAGGAGGCC
TCACTGGCGAGTGTAAGGAGCTAGAAAAAAGAATGAGGCTCTGAAAGAGAAGGCAGATTCTTGCCCAA
GGAGATCCAGTATCTGAAAGACCTGATAGAAGAGTCCGTAAGGCAAGGGGAAGAAGAGAGTTCCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR229411 representing NM_001287180 Red=Cloning site Green=Tags(s) MTMSFLNSEVLAGDLMSPFDQSGLGAEESLGLDDYLEVAKHLKPHGFSSDKAGSSEWPAMDDGLASAS DTGKEDAFSGTDWMLEKMDLKEFDLFRMDDLETMPDELLTTLDDTCDLFAPLVQETNKEPPQTVNPI GHLPESLIKVDQVAPFTFLQPFPCSPGVLSTPEHSFSLELGSEVDISEGDRKPDAAAYITLIPPCVKEE DTPSDNDSGICMSPESYLSPQHSPSTRAPPDNLSPGSGRSPRPKYDPPGVSLTAKVKTEKLDKKL KKMEQNKTAATRYRQKKRAEQEALTGECKELEKKNEALKEKADSLAKEIQYLKDLIEEVRKARGKKRVP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001287180
ORF Size:	1047 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:	NM_001287180.1 , NP_001274109.1
RefSeq Size:	1463 bp
RefSeq ORF:	1050 bp
Locus ID:	11911
UniProt ID:	Q06507
Cytogenetics:	15 37.85 cM
MW:	38.4 kDa