

Product datasheet for **MR205957A1V**

Mouse Atf4 (NM_009716) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Atf4 (NM_009716) AAV Particle
Tag:	Myc-DDK
Symbol:	Atf4
Synonyms:	Atf-4; C/ATF; CREB2; TAXREB67
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR205957 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACCGAGATGAGCTTCCTGAACAGCGAAGTGTGGCGGGGACTTGATGTCCCCCTTCGACCACTCGG
GTTTGGGGGCTGAAGAAAGCCTAGGTCTCTTAGATGACTATCTGGAGGTGGCCAAGCACTTGAAACCTCA
TGGGTTCTCCAGCGACAAGGCGGGCTCCTCGGAATGGCCGGCTATGGATGATGGCTTGGCCAGTGCCTCA
GACACCGGCAAGGAGGATGCCTTTTCCGGGACAGATTGGATGTTGGAGAAAATGGATCTGAAAGAGTTTG
ACTTCGATGCTCTGTTTCAATGGATGACCTGGAAACCATGCCAGATGAGCTCTTGACCACGTTGGATGA
CACATGTGATCTTTTGGCCCTCTAGTCCAAGAGACTAATAAGGAGCCCCCTCAGACAGTGAACCCAATT
GGCCATCTCCCAGAAAGTTTAATAAAAGTCGACCAGGTTGCCCTTTACATTCTGCAGCCTTTCCCCT
GTTCCCCAGGGTTCTGTCTTCCACTCCAGAGCATTCTTTAGTTTAGAGCTAGGCAGTGAAGTTGATAT
CTCTGAAGGAGACAGGAAGCCTGACTCTGCTGCTTACATTACTCTAATCCCTCCATGTGTAAAGGAGGAA
GACACTCCCTCTGACAATGACAGTGGCATCTGTATGAGCCAGAGTCCTACCTGGGCTCTCCCCAGCATA
GCCCTCCACCTCCAGGGCCCCACCAGACAATCTGCCTTCTCCAGGTGGTTCCCGTGGGTCTCCTCGGCC
CAAACCTTATGACCCACCTGGAGTTAGTTTGACAGCTAAAGTGAAGACTGAGAAATTGGATAAGAAGCTG
AAAAAGATGGAGCAAAACAAGACAGCAGCCACTAGGTACCGCCAGAAGAAGCGGGCTGAGCAGGAGGCCC
TCACTGGCGAGTGAAGGAGCTAGAAAAAAGAATGAGGCTCTGAAAGAGAAGGCAGATTCTCTGGCCAA
GGAGATCCAGTATCTGAAAGACCTGATAGAAGAGGTCCGTAAGGCAAGGGGAAGAAGAGAGTTCCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR205957 protein sequence Red=Cloning site Green=Tags(s) MTMSFLNSEVLAGDLMSPFDQSGLGAEESLGLDDYLEVAKHLKPHGFSSDKAGSSEWPAMDDGLASAS DTGKEDAFSGTDWMLEKMDLKEFDALFRMDDLETMPDELLTTLDDTCDLFAPLVQETNKEPPQTVNPI GHLPESLIKVDQVAPFTFLQPFPCSPGVLSTPEHSFSLELGSEVDISEGDRKPDAAAYITLIIPCVKEE DTPSDNDSGICMSPESYLGPQHSPSTRAPPDNLSPGGSRGSPRPKPYDPPGVSLTAKVKTEKLDKKL KKMEQNKTAATRYRQKKRAEQEALTGECKELEKKNEALKEKADSLAKEIQYLKDLIEVRKARGKKRVP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_009716
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:	<u>NM_009716.2</u>
RefSeq Size:	1746 bp
RefSeq ORF:	1050 bp
Locus ID:	11911
UniProt ID:	<u>Q06507</u>
Cytogenetics:	15 37.85 cM
MW:	38.4 kDa