

Product datasheet for **MR208064A1V**

Mouse Fto (NM_011936) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Fto (NM_011936) AAV Particle
Tag:	Myc-DDK
Symbol:	Fto
Synonyms:	AW743446; mKIAA1752
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208064 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGAAGCGCGTCCAGACCGCGGAGGAACGAGAGCGGGAAGCTAAGAACTGAGGCTCCTTGAGGAGCTTG
AAGACACTTGGCTTCCTTACCTGACCCCAAAGATGATGAGTTCTATCAGCAGTGGCAGCTGAAATACCC
TAAACTGGTTTTCCGAGAGGCCCGCAGCATACAGAGGAGCTGCATAAGGAGGTCCCGAGGCCCTTCTC
ACACTGCATAAGCATGGCTGCTGTTTCGGGACGTGGTGAAGTCCAAGGCAAAGATGTGCTCACCCAG
TGTCTCGCATCTCATCGGGACCCAGGCTGCACCTACAAGTACTTGAACACCAGACTCTTCACGGTGCC
CTGGCCCGTGAAGGGCTGCACGGTCAAGTACACAGAGGCTGAGATCGCCGCTGCATGTCAGACCTTCTA
AAGCTCAATGACTACCTCAGGTGGAGACCATCCAGGCCTTGAAGAAGTGGCTGTCAGAGAGAAGGCCA
ATGAAGACGCTGTGCCACTGTGCATGGCAGAGTTCAGGCGCCGGCGTGGGGCCGTCTGCGATGATGA
AGTGGACCTTAAGAGCAGAGCAGCTACAACGTGACTTTGCTAACTTCATGGATCCTCAGAAGATGCC
TACTTGAAAGAGGAGCCCTATTTCCGGCATGGGGAAGATGGCGGTGAGCTGGCATCACGATGAGAACTGG
TGGACAGGTGACCGGTGGCAGTGTACAGCTATAGCTGCGAAGGCTCTGAGGATGAAAGTGAAGACGAGTC
CAGCTTCGAAGGCAGAGATCCTGATACTTGGCATGTTGGTTTTAAGATCTCTTGGGACATCGAGACCCA
GGATTAACAATCCCTCTTACCAGGGAGACTGCTATTTTCATGCTGGATGACCTCAATGCCACCCACCAGC
ACTGTGTTTTGGCTGGCTCACAGCCTCGGTTTAGTTCCACTCACCCTGTGGCAGAGTGTCAACAGGCAC
CTTGGATTATATCTTAGAACGCTGTGAGTTGGCGCTGCAGAATGCTCAATGACTCAGACGATGGCGAC
GTCTCGTTGAAATCCTTTGATCCTGCAGTTTGAACAAGGAGAGGAAATCCATAATGAGGTGGAGTTTG
AGTGGCTGAGGCAGTTCTGGTTCAAGGCAATCGATACAACTTTGCACCGATTGGTGGTGTGAGCCCAT
GACTCACCTGGAGGGGCTGTGGAAGAAGATGGAGAGCATGACAAATGCGGTGCTCCGTGAAGTTAAAGA
GAGGGGCTCCCGTGGACAAAGGAGTGAAGTCTGTCTGCCATCCTGGTCCCGCTCACCCTGCGCCAGA
ACCTGAGGAAGGAGTGGCATGCCAGGTGCCAGTCCCGAGTCTCGGACTTTACCAGTACAGCAGAAACC
AGACTGCCGCCATATTGGGAGAAGGATGACCTTCCATGCCTCTGCCCTTGACCTCACAGACGTGGTT
TCCGAGCTCAGAGGCCAGCTGCTGAAGCAAGATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208064 protein sequence

Red=Cloning site Green=Tags(s)

 MKRVQTAEREREAKLRLLEELEDTWLPYLTPKDDEFYQQWQLKYPKLVFREAGSIPEELHKEVPEAFL
TLHKHGCLFRDVRVRIQGDVLTVPVSRILIGDPGCTYKYLNTRLFTVPWPVKGCTVKYTEAEIAAACQTF
KLNDYLQVETIQALEELAVREKANEDAVPLCMAEFPRAGVGPSCDDEVLDKSRAYNVTLNFMDPQKMP
YLKEEYFYMGMKMAVSWHHDENLVDRSAVAVSYSCEGESESEDESSFEGRDPDTHVGFKISWDIETP
GLTIPLHQGDCYFMLDDLNATHQHCVLAGSQPRFSSTHRVAECSTGTLDYILERCQLALQNVLNDSDGD
VSLKSFDPVAVLKQGEIHNVEFEWLRQFWFQGNRYKLCTDWWCEPMTHEGLWKKMESMTNAVLREVKR
EGLPVEQRSEILSAILVPLTVRQNLKEWHARCQSRVVRTLPVQKQPCRPYWEKDDPSMPLPFDLTDV
SELRGQLLEARS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_011936

ORF Size:

1506 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_011936.1</u>
RefSeq Size:	3586 bp
RefSeq ORF:	1509 bp
Locus ID:	26383
UniProt ID:	<u>Q8BGW1</u>
Cytogenetics:	8 44.34 cM
MW:	58 kDa