

Product datasheet for **MR220435A1V**

Mouse Fmo3 (NM_008030) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Fmo3 (NM_008030) AAV Particle
Tag:	Myc-DDK
Symbol:	Fmo3
Synonyms:	AW111792
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR220435 representing NM_008030
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGAAGAAGTGGCCATCATTGGAGCTGGTGTGTCAGTGGCCTGGCTGCCATCAGGAGCTGTCTGGAGG
 AGGGGCTGGAGCCCACATGCTTTGAGAGGAGTGATGATGTTGGGGCCTGTGAAATTCAGACCATAT
 AGAAGAGGGCAGGGCCAGCATTACCAATCGGTCTTACCAACTCTTCAAAGAGATGATGTGTTTTCCA
 GACTTCCCCTATCCCGATGACTTTCCCAACTTCATGCATCACAGCAAGCTCCAAGAATACATCACTTCAT
 TTGCCAAGGAAAAGAACCTCCTGAAATACATACAGTTTGGACACCTGTAACCAGTATAAATAAATGTCC
 TAATTTCTCAACTACTGGCAAATGGGAAGTCACCCTGAAAAGCACGGTAAAAAGAAACAGCTGTCTTT
 GATGCTACAATGATTTGTTCTGGGCATCACATATTTCCCATGTACAAAAGACTCCTTTCCAGGACTGA
 ACCGTTTTAAAGGCAAATGCTTCCACAGCAGGGACTATAAGGAACCGGAATATGGAAGGGAAAACGAGT
 CCTGGTATTGGCCTGGGGAAGTCAGGCTGTGACATTGCTGCAGAACTCAGCCATGTAGCTCAGAAGGTC
 ACCATCAGCTCTAGAAGTGGTTCTTGGGTGATGAGTCGAGTCTGGGACGATGGCTACCCTTGGGACATGG
 TGGTGCTCACACGGTTTCAAACCTTCTCAAAAACAACCTACCCACCGCCATCTCTGACTGGTGGTACAC
 AAGGCAGATGAATGCCAGATTAAGCACGAAAACATATGGTTTGGTGCCTTTAAACAGAACACTCAGGAAA
 GAGCCCGTGTTCATGATGAGCTCCAGCCCGCATCCTGTGTGGCATGGTGACCATCAAGCCTAATGTAA
 AGGAGTTCACAGAGACGTCGCTGTGTTGAGGATGGGACCATGTTTGGGCCATTGACTGTGTCATCTT
 TGCCACAGGCTATGGTTATGCCTACCCCTTCTGGATGACTCTATTATCAAAGCAGAAAATAAGAGGTC
 ACTTTGTACAAAGGTGTCTTCCCTCCTCAACTAGAGAAACCAACATGGCAGTGATTGGCCTGGTCCAGT
 CCCTGGTGGCCACCATCCCATAACTGACCTGCAGGCAGCTGGGCAGCACAAGTAATAAAAGGAACTTG
 CACTTTGCCTTCTGTAACGACATGATGGATGACATTGATGAGAAAATGGGGGAAAAGTTCAAATGGTAT
 GGCAATAGCACACCACATCCAGACAGATTACATTGTTTATATGGATGAACTGGCCTCCTTATTGGTGCAA
 AGCCCAATCTCTATGGCTGTTTCTCAAGGATCCAGGTTGGCTGTAGAAGTGTCTTTGGCCCTTGCGAG
 CCCCTACCAGTCCGGCTGGTAGGCCAGGAAAGTGGTCAGGAGCCCGAACGCCATCTAACACAGTGG
 GACCGATCACTGAAGCCTATGAAGACGCGTGTGCTCAGTAAAGTTCAGAAGTCTTGCTCTCACTTCTATT
 CCCGTTGCTCAGGCTCCTGGCTGTTCCCGTCTGCTCATTGCTTTGTTCTTGTGTTGATC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MKKKVAIIGAGVSGLAAIRSCLLEEGLEPTCFERSDDVGGGLWKFSDHIEEGRASIQSVFTNSSKEMMCFP
 DFPYPDDFPNFMHHSKLQEYITSFKEKNLLKYIQFETPVTSINKCPNFSTTGKWEVTTEKHGKKEAVF
 DATMICSGHHIFPHVPKDSFPGLNRFKGCFSRDKYKEPGIWKGRVLVIGLGNSGCDIAAELSHVAQKV
 TISSRSGSWMSRVWDDGYPWDMVVLTRFQTLKNNLPTAISDWWYTRQMNARFKHENYGLVPLNRTLK
 EPVFNDELPARILCGMVTIKPNVKEFTETSAVFEDGTMFEAIDCVIFATGYGYAYPFLDSDIISRNNEV
 TLYKGVFPQLEKPTMAVIGLVQSLGATIPITDLQARWAAQVIKGTCTLPSVNDMDDIDEKMGKFKWY
 GNSTTIQTDYIVYMDLASFVIGAKPNLLWLFLKDPRLAVEVFFGPCSPYQFRLVGPWKWSGARNAILTQW
 DRSLKPMKTRVVSQVQKSCSHFYSRLLRLLAVPVLLIALFLVLI

SGP**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_008030

ORF Size:

1602 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_008030.1</u> , <u>NP_032056.1</u>
RefSeq Size:	2020 bp
RefSeq ORF:	1605 bp
Locus ID:	14262
UniProt ID:	<u>P97501</u>
Cytogenetics:	1 70.34 cM
MW:	61 kDa