

Product datasheet for **MR208580A1V**

Mouse Fmo2 (NM_018881) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Fmo2 (NM_018881) AAV Particle
Tag:	Myc-DDK
Symbol:	Fmo2
Synonyms:	2310008D08Rik; 2310042I22Rik; AW107733
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208580 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCAAAGAAGGTTGTGGTGATTGGAGCAGGGGTGAGTGGCCTAATCTCTCTGAAGTGTGCGTGGACG
 AGGGTCTGGAGCCACCTGCTTCGAAAGGACTGAAGATATAGGGGGACTGTGGAGATTCAAAGAAAACGT
 GGAAGATGGCCGCGCTAGCATCTACCGCTCTGTCAATTACCAACTAGCAAAGAAATGTCTGTTTCAGT
 GACTTCCCGATGCCGGAGGACTTCCCAACTTCTGCACAACCTCTAACTCCTGGAATATTTAGGATCT
 TTGCCAAGAAATTTGATCTCTAAAATATATTCAGTTTCAGACAACCTGTCATTAGTGTGAAAAACGCC
 GGATTTTCGATCTTCTGGGAATGGGAAGTTTATACTCAGAGCAACGAAAGGAGCAACGCACTGTCTTT
 GACGCTGTTATGGTTTGACGCGCCATCACATCCAGCCTCACCTGCCACTCAAGTCATTTCCAGGTATTG
 AGAGGTTCCGAGGCCAGTATTTCCATAGCCGGAATACAAGACCCAGTGGGGTTTGAGGGGAAACGCAT
 CCTGGTGGTTGGAATAGGAAATTCAGCTGCAGATATTGCCTCTGAAGTGAAGACGGCCGACAGGTG
 TTTGTACGACCAGACATGGATCCTGGGTCTGAGTCGAATCTCTGAAGATGGCTACCCTTGGGACATGG
 TGTTCCACACTAGATTTAGCTCCATGCTCCGAAATGTCCTGCCCGCACGGTCTGCAAGTGGATGATGGA
 ACAACAGATGAATCGATGGTTCAACCATGAAAATTATGGTCTGGTGCCTCAGAACAAATACCTTATGAAA
 GAACCTGTGCTAAACGACGACCTCCCCAGCCGCTGCTCTACGGAGCCATCAAAGTAAAAACACGGGTGA
 AGGAGCTCACGGAGACAGCTGTGGTCTTCGAGGATGGCACGGTGGAGGAAGACGTGGATATCATTGTCTT
 TGCCACGGGTATACGTTCTCTTTTCTTCTGGAAGACTCACTTGTAAAGTGGAGGATAATAGGTT
 TCCCTGTACAAAGCCATGTTTCCCCCTCACCTGGAGAAGCCAACCTTGGTGCATAGGTCTCATCCAGC
 CTCTAGGCTCCATCTTCCAACCGTAGAGCTTCAGGCGCGCTGGGCAACAAGATTTTCAAAGGCTTGTG
 TAGCTTGCCCTTCGGAGACGACTATGATGGCAGACATTGTTGAAAGAAATGAAAAAGAGTTAACCTGTTT
 GGGAAAAGCCAGAGTCAGATACTGCAGACCAACTACGTTGACTACCTGGATGAAGTCTGCCTTGGAGATAG
 GTGCAAAGCCAGATTTCTGCTCTCTCTTTTCAAAGACCCTAACTGGCTGTGAAACTCTACTTCGGACC
 CTGTAATTCCTACAGTACCGCCTGGTTGGACCTGGGCAGTGGGAAGGAGCCAGGAACGCCATCTCACC
 CAGAAGCAGAGGATCTGAAACCCTAAAGACCCGACTCTCCAGTCTCTGATAGTCCCCAGTGTCTT
 TCCTGCTCAAGATCCTGGGGCTGCTCGCTGTTGTTCTGGCCTTCTTTTCCAACCTCAGGGGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208580 protein sequence
 Red=Cloning site Green=Tags(s)

MAKKVVVIGAGVSLISLKCCVDEGLEPTCFERTEDIGGLWRFKENVEDGRASIYRSVITNTSKEMSCFS
 DFPMPEDFPNLFHNSKLLLEYFRIFAKKFDLLKYIQFQTTVISVKKRPDFASSGQWEVYTQSNGKEQRTVF
 DAVMVCSGHHIQPHLPLKSFPGERFRGQYFHSREYKHPVGFEGKRILVVGIGNSAADIAELSKTAAQV
 FVSTRHGSWVMSRISEDGYPWDMVFHTRFSSMLRNVLPRTVVKWMMEQQMNRWFNHNENYGLVPQNKYLMK
 EPVLNDDLPSRLLYGAIKVKTRVKELTETAVVFEDGTVEEDVDIIVFATGYTFSFSFLEDSLKVVEDNVR
 SLYKAMFPPHLEKPTLACIGLIQPLGSIFPTVELQARWATRVFKGLCSLPSETTMMADIVERNEKRVNLF
 GKSQSQILQTNVVDYLDLEALEIGAKPDFVSLFFKDPKLAVKLYFGPCNSYQYRLVGPQWEGARNAILT
 QKQRIKLKPLKTRTLQSSDSAPVSFLKILGLLAVVLAFFFLQQLGF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_018881

ORF Size:

1605 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_018881.3</u>
RefSeq Size:	3336 bp
RefSeq ORF:	1608 bp
Locus ID:	55990
UniProt ID:	<u>Q8K2I3</u>
Cytogenetics:	1 H2.1
MW:	61 kDa