

Product datasheet for **MR226134A1V**

Mouse Oprm1 (NM_001039652) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Oprm1 (NM_001039652) AAV Particle
Tag:	Myc-DDK
Symbol:	Oprm1
Synonyms:	m; M-OR-1; MO; MOP-R; mor; MOR-1; MOR-1O; mu; muOR; O; Oprm
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR226134 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACAGCAGCGCCGGCCAGGGAACATCAGCGACTGCTCTGACCCCTTAGCTCCTGCAAGTTGCTCCC
CAGCACCTGGCTCCTGGCTCACTTGTCCCACGTTGATGGCAACCAAGTCCGACCCATGCGGTCTCAACCG
CACGGGGCTTGGCGGGAGCCACAGCCTGTGCCCTCAGACCGGCAGCCCTCCATGGTCACAGCCATCACC
ATCATGGCCCTCTATTCTATCGTGTGTGTAGTGGCCCTCTTTGGAACTTCTGGTCATGTATGTGATTG
TAAGATATACAAAAAAGAGACTGCCAACATCTACATTTTCAACCTTGCTCTGGCAGATGCCTTAGC
CACTAGCAGCTGCCCTTTCAGAGTGTTAACTACCTGATGGGAACGTGGCCCTTTGGAAACATCCTCTGC
AAGATCGTGATCTCAATAGACTACTACAACATGTTACCAAGTATCTTACCCTCTGCACCATGAGTGTAG
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CAATGTCTGCAACTGGATCCTCTCTTCTGCCATTGGTCTGCCCGTAATGTTTATGGCAACCACAAAATAC
AGGCAGGGTCCATAGATTGCACCCTCACGTTCTCTCATCCACATGGTACTGGGAGAACCTGCTCAAAA
TCTGTCTTTCATCTTCGCTTCATCATGCCGGTCTCATCATCACTGTGTGTTATGGACTGATGATCTT
ACGACTCAAGAGTGTCCGATGCTGTCCGGCTCAAAGAAAAGGACAGGAACCTGCGCAGGATCACCCGG
ATGGTGTGGTGGTGGTGTATTTATTGTCTGCTGGACCCCATCCACATCTATGTCATCATCAAAG
CACTGATCACGATTCAGAAACCACTTCCAGACTGTTTCTGGCACTTCTGCATTGCCCTGGGTACAC
AAACAGCTGCCTGAACCCAGTTCTTTATGCGTTCTGGATGAAAACCTCAAACGATGTTTATAGAGAGTTC
TGCATCCCAACTTCTCCACAATCGAACAGCAAACTCTGCTCGAATCCGTCAAAACACTAGGGAACACC
CCTCCACGGCTAATACAGTGGATCGAACTAACCACCAGCAACCTGGCAGTCAGCGTGGCCAGATCTT
TACAGGATATCCTTCTCCGACTCATGTTGAAAACCTGCAAGAGTTCATGGACAGAGGAATGAGGAAC
CTTCTTCTGATGATGGCCAAAGACAGGAATCCGGGGAAGGCCAGCTTGGCAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR226134 protein sequence Red=Cloning site Green=Tags(s) MDSSAGPGNISDCSDPLAPASCSPAPGSWLNLSHVDGNQSDPCGPNRTGLGGSHSLCPQTGSPSMVTAIT IMALYSIVCVVGLFGNFLVMYVIVRYTKMKTATNIYIFNLALADALATSTLPPQSVNYLMGTWPFGNILC KIVISIDYYNMFTSIFTLCTMSVDRIYAVCHPVKALDFRTPRNAKIVNVCNWILSSAIGLPVMFMATTKY RQGSIDCTLTFSHPTWYWENLLKICVFI FAFIMPVLIITVCYGLMILRLKSVRMLSGSKEKDRNLRRITR MVLVVAVFIVCWTPIHIVYI KALITIPETTFQTVSWHFCIALGYTNSCLNPVLYAFLDENFKRCRFREF CIPTSSTIEQQNSARIRQNTREHPSTANTVDRTNHQPTLAVSVAQIFTGYPSPTHVEKPKCKSCMDRGMRN LLPDDGPRQESGEGQLGR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001039652
ORF Size:	1317 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_001039652.1 , NP_001034741.1
RefSeq Size:	2664 bp
RefSeq ORF:	1317 bp
Locus ID:	18390
UniProt ID:	P42866
Cytogenetics:	10 1.85 cM
MW:	48.8 kDa