

Product datasheet for **MR205483A1V**

Mouse *Opn1mw* (NM_008106) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse <i>Opn1mw</i> (NM_008106) AAV Particle
Tag:	Myc-DDK
Symbol:	<i>Opn1mw</i>
Synonyms:	Gcp
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR205483 representing NM_008106 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCCAAAGGCTTACAGGTGAACAGACACTGGACCACTATGAGGATAGCACCCATGCAAGCATCTTCA
CCTATACCAACAGCAACAGCACCAAGGTCCCTTTGAAGGCCCAATTATCACATTGCTCCAGGTGGGT
GTACCACCTCACCAGCACCTGGATGATTCTTGTGGTCGTTGCATCTGTCTTCAATGGACTTGTGCTG
GCAGCCACCATGAGATTCAAGAAGCTGCGCCATCCACTGAACTGGATTCTGGTGAACCTTGGCAGTTGCTG
ACCTAGCAGAGACCAATTATTGCCAGCACTATCAGTGTTGTGAACCAATCTATGGCTACTTCGTTCTGGG
ACACCCTCTGTGTGTCATTGAAGGCTACATTGTCTCATTGTGTGGAATCACAGGCCTCTGGTCCCTGGCC
ATCATTTCCTGGGAGAGATGGCTGGTGGTCTGCAAGCCCTTTGGCAATGTGAGATTTGATGCTAAGCTGG
CCACTGTGGGAATCGTCTTCTCCTGGGTCTGGGCTGCTATATGGACGGCCCCACCAATCTTGGTTGGAG
CAGGTACTGGCCTTATGGCCTGAAGACATCCTGTGGCCAGACGTGTTACGCGGTACCTCGTACCCCGGG
GTTCACTCTTATATGATGGTCTCATGGTCACGTGCTGCATCTTCCCACTCAGCATCATCGTCTGCTGCT
ACCTCCAAGTGTGGCTGGCCATCCGAGCAGTGGCAAAGCAACAGAAAGAATCTGAGTCCACTCAGAAGGC
CGAGAAGGAGGTGACACGCATGGTGGTGGTGGTCTTCGCATACTGCCTCTGCTGGGGACCCTATACT
TTCTTTGCATGCTTTGCTACTGCCACCCTGGCTATGCCTTCCACCCTCTGTGGCCTCCCTACCATCCT
ACTTTGCCAAAAGTGCCACTATCTACAACCCATTATCTATGTCTTTATGAACCGCAGTTTCGAAACTG
CATCTTACATCTCTTTGAAAAGAAGGTTGATGATAGCTCTGAACTTCCAGCACCTCCAAGACAGAAGTC
TCATCTGTCTCTTCAGTGCACCTGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR205483 representing NM_008106 Red=Cloning site Green=Tags(s) MAQRLTGEQTLDDHYEDSTHASIFTYTNSTKGPFEQPNYHIAPRWVYHLTSTWMILVVVASVFTNGLVL AATMRFKKLRHPLNWLAVADLAETIIASTISVVNQIYGYFVLGHPLCVIEGYIVSLCGITGLWSLA IISWERWL VVCKPFGNVRFDALATVGIVFSWVWAAIWTAPPIFGWSRYWPYGLKTSCGPDVFSGTSYPG VQSYMMVLMVTCCIFPLSIIVLCYLQVWLAIKAVAKQQKESESTQKAEKEVTRMVMVMVFAYCLCWGPYT FFACFATAHPGYAFHPLVASLPSYFAKSATIYNPIIYVFMNRQFRNCILHLFGKKVDDSSSELSSSTSKTEV SSVSSVSPA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008106
ORF Size:	1077 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_008106.2, NP_032132.1</u>
RefSeq Size:	1221 bp
RefSeq ORF:	1080 bp
Locus ID:	14539
UniProt ID:	<u>O35599</u>
Cytogenetics:	X A7.3
MW:	40.7 kDa