

Product datasheet for **MR229597A1V**

Mouse Oprk1 (NM_001204371) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Oprk1
Synonyms:	K-OR-1; KOR; KOR-1; MSL-1; Op; Oprk2; R2; R21
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR229597 representing NM_001204371
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGTCCCCATTAGATCTTCGAGGAGATCCAGGCCCTACCTGCTCTCCAGTGCTTGCCTTCTCC
CCAACAGCAGCTCTTGGTTCCCAACTGGGCAGAAATCCGACAGTAATGGCAGTGTTGGCTCAGAGGATCA
GCAGCTGGAGTCCGCGCACATCTCTCGGCCATCCCTGTTATCATCACCGCTGTCTACTCTGTGGTATTT
GTGGTGGGCTTAGTGGGCAATTCTCTGGTCATGTTTGTATCATCCGATACACGAAGATGAAGACCGCAA
CCAACATCTACATATTTAACCTGGCTTTGGCAGATGCTTGGTTACTACCACTATGCCCTTTCAGAGTGC
TGTCTACTTGATGAATCTTGGCCTTTGGAGATGTGCTATGCAAGATTGTCATTTCATTGACTACTAC
AACATGTTTACCAGCATATTCACCTTGACCATGATGAGTGTGGACCGCTACATTGCTGTGTGCCACCTG
TGAAAGCTTTGGACTTCCGAACACCTTTGAAAGCAAAGATCATCAACATCTGCATTTGGCTCCTGGCATC
ATCTGTTGGTATATCAGCGATAGTCTTGGAGGCACCAAGTCAGGGAAGATGTGGATGTCATTGAATGC
TCCTTGCAGTTTCTGATGATGAATATTCCTGGTGGGATCTTTCATGAAGATCTGTGTCTTCGCTTTG
CCTTTGTGATCCCAGTCTCATCATATTGCTGCTACACCTGATGATCCTGCGCCTGAAGAGTGTCCG
GCTCCTGTCTGGCTCCCGAGAGAAGGACCGAAATCTCCGCCGATCACCAAGCTGGTGTGGTAGTATT
GCAGTCTTCATCATCTGTTGGACCCCATTCACATCTTTATCCTGGTGGAGGCTCTGGGAAGCACCTCCC
ACAGCACAGCTGCCCTCTCCAGCTATTATTTCTGTATTGCCTTGGGTTATACCAACAGCAGCCTGAATCC
TGTTCTCTATGCCTTTCTGGATGAAAACCTCAAGCGGTGTTTTAGGGACTTCTGCTTCCCTATTAAGATG
CGAATGGAGCGCCAGAGCACCAATAGAGTTAGAAACACAGTTCAGGATCCTGCTTCCATGAGAGATGTGG
GAGGGATGAATAAGCCAGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR229597 representing NM_001204371 Red=Cloning site Green=Tags(s) MESPIQIFRGDPGPTCSPSACLLPNSSSWFPNWAESDSNGSVGSEDQQLES AHISPAIPV IITAVYSVVF VYGLVGNLSVMFVIIRYTKMTATNIYIFNLALADALVTTMPFQSAVYLMNSWPGDVLCKIVISIDYY NMFTSIFTLTMSVDRIYAVCHPVKALDFRTPLKAKIINICIWLLASSVGISAIVLGGTKVREDVDVIEC SLQFPDDEYSWDLFMKICVFVFAFVIPVLIIIVCYTLMILRLKSVRLSGSREKDRNLRRITKLVLVVV AVFIIICWTPIIHIFILVEALGSTSHSTAALSSYYFCIALGYTNSSLNPVLYAFLDENFKRCFRDFCFPIKM RMERQSTNRVRNTVQDPASMRDVGGMNKPV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001204371
ORF Size:	1140 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_001204371.1, NP_001191300.1</u>
RefSeq Size:	4707 bp
RefSeq ORF:	1143 bp
Locus ID:	18387
UniProt ID:	<u>P33534</u>
Cytogenetics:	11.89 cM
MW:	42.7 kDa