

Product datasheet for **MR208002A1V**

Mouse Prpf31 (NM_027328) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Prpf31
Synonyms:	1500019O16Rik; 2810404O06Rik; AW554706; PRP31; RP11
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR208002 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCTGGCTGATGAGCTCTTGGCTGACCTCGAGGAGGCAGCAGAAGAAGAGGAAGGAGGAAGCTATG
 GAGAAGAGGAGGAGGAGCCAGCAATTGAGGATGTACAGGAGGAGACCCAGCTGGATCTTCTGGAGATTC
 AGTCAAGAGCATTGCCAAGCTATGGACAGCAAGATGTTTGCTGAGATCATGATGAAGATTGAGGAGTAT
 ATCAGCAAGCAAGCAACGCGTCGGAAGTGATGGGACCACTGGAGGCAGCTCCTGAGTACCGAGTCATTG
 TGGATGCCAACCACTGACTGTGGAGATAGAAAATGAGCTGAACATTATCCACAAGTTCATCCGGGATAA
 ATACTCAAAGAGATTCCCTGAGCTAGAATCCTTGGTGCCCAATGCTCTGGATTACATCCGCACAGTCAAG
 GAGCTGGGCAACAGCCTGGATAAGTGCAAGAACAATGAGAACCTCCAGCAGATCCTGACCAATGCTACTA
 TCATGGTTGTTAGTGCTACTGCCTCTACTACCCAGGGGCAGCAGCTGTCGGATGAGGAGCTAGAGCGGCT
 AGAGGAGGCCTGTGACATGGCACTGGAGCTGAATGCCTCCAAACACCGCATCTATGAGTATGTGGAGTCC
 CGGATGTCCTTCATTGCACCAACTTGTCCATCATCATTGGAGCATCCACAGCTGCCAAGATCATGGGTG
 TGGCTGGAGGGCTCACCAACCTCTCTAAGATGCCTGCCTGCAACATCATGCTGCTGGGAGCCAGCGCAA
 GACCTGTCTGGCTTCTCTTCTACCTCAGTGTTGCCTCATACTGTTATATCTACCACAGTGACATTGTG
 CAGTCTCTGCCCCAGATCTCCGGCGGAAGGCGGCCCGCTAGTGGCTGCCAAGTGTACACTGGCAGCTC
 GTGTGGACAGCTTCCATGAGAGCACAGAAGGGAAGGTGGGCTACGAACTAAAGGATGAGATTGAGCGCAA
 ATTTGATAAGTGGCAGGAGCCACCACCCGTGAAGCAGGTGAAGCCCTGCTGACCCCTTGATGGGCAG
 CGGAAGAAGCGAGGGGGCCGAAGGTACCGCAAGATGAAGGAACGGCTAGGACTGACGGAGATCCGGAAGC
 AGGCCAACCGCATGAGCTTTGGAGAGATTGAGGAGGATGCCTATCAGGAAGACCTGGGCTTTAGCCTGGG
 CCACTTGGGCAAGTCAGGCAGTGGGCGTGTGCGGCAGACCCAGGTGAATGAGGCCACCAAGGCCAGGATC
 TCCAAGACACTGCAGCGGACCTTACAGAAACAGAGCGTGGTGTATGGTGGGAAGTCAACAATTCTGTGACC
 GCTCCTCAGGGACTGCCTCCAGTGTGGCCTTCACTCCACTCCAGGGTCTAGAGATTGTGAACCCACAAGC
 AGCCGAGAAGAAGGTGGCAGAGGCCAACAGAAGTATTTCTCTAGCATGGCCGAGTTCCTCAAGGTCAAG
 GGTGAGAAAAGTGGCACCATGTCTACC

AG**CGGACCG**ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR208002 protein sequence
 Red=Cloning site Green=Tags(s)

MSLADELLADLEEAEEEEEGSYGEEEEPAIEDVQEETQLDLSGDSVKSI AKLWDSKMF AEIMMKIEEY
 ISKQANASEVMGPVEAAPEYRVIVDANNL TVEIENELNI IHKFIRDKYSKRFP ELES LVPNALDYIRTVK
 ELGNSLDKCKNNENLQ QILTNATIMVSVTASTTQGGQLSDEELERLEEACDMALELNASKHRIEYVES
 RMSFIAPNLSIIIGASTAAKIMGVAGGLTNLSKMPACNIMLLGAQRKTL SGFSSTSVLPHTGYIYHSDIV
 QSLPPDLRRKAARLVAAKCTLAARVDSFHESTEKG VGYELKDEIERKFDKWQEP PPVKQVKPLPAPLDGQ
 RKKRGGRRYRKMKERLGLTEIRKQANRMSFGEIEEDAYQEDLGFSLGHLKSGSGRVRQTQVNEATKARI
 SKTLQRTLQKQSVVYGGKSTIRDRSSGTASSVAFTPLQGLEIVNPQAAEKKVAEANQKYFSSMAEFLKVK
 GEKSGTMST

SGPTRTRPLE**QKLISEEDLA**AND**I**LDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_027328

ORF Size: 1497 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_027328.2 , NP_081604.2
RefSeq Size:	3143 bp
RefSeq ORF:	1500 bp
Locus ID:	68988
UniProt ID:	Q8CCF0
Cytogenetics:	7 A1
MW:	55.4 kDa