

Product datasheet for **RC223346A1V**

Human PRPF38B (NM_018061) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRPF38B (NM_018061) AAV Particle
Tag:	Myc-DDK
Symbol:	PRPF38B
Synonyms:	NET1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC223346 representing NM_018061
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTAACACAGCCCCGCGCTGACAGGCAACTCGCAGCCGACGACACAGGCGGCTGCAGCTGCGGCTC
 AGCAACAGCAGCAGTGCAGCGCGCGCGCTACCAAGCCGCGGTCTCCGGCAAGCAGGCAATGTGCT
 CCCGCTCTGGGCGAGCGAGAAGACCATGAACCTCAACCCCATGATCCTGACCAACATCCTGTCGTCGCT
 TACTTCAAAGTACAGCTCTACGAGCTCAAGACCTACCACGAGGTGGTGGACGAGATCTACTTTAAGGTCA
 CGCAGCTTGAACCATGGGAGAAAGGAAGCAGGAAAACAGCGGCCAGACAGGGATGTGCGGAGGGGTTTCG
 AGGTGTTGGAACAGGAGGAATTGTTTCTACAGCATTTTGCCTGTTATACAAATTATTTACCCTGAAGTTA
 ACTCGAAAGCAAGTGATGGGTCTTATAACACACAGACTCTCCATATATTAGAGCGCTTGGATTTATGT
 ATATAAGATATACACAGCCCCCTACAGATCTGTGGGACTGGTTTGAATCCTTCCTTGATGATGAAGAGGA
 CCTAGATGTGAAGGCTGGTGGAGGCTGTGTAATGACCATTGGAGAAATGCTACGATCTTTTCTCACAAA
 CTGGAGTGGTTTTCTACCTTGTTCGAAGAATTCAGTTCCAGTTCAAAAGAATATTGATCAACAGATTA
 AAACCCGACCTAGAAAAATCAAGAAAGATGGGAAGGAAGGTGCTGAGGAAATAGACAGACATGTTGAACG
 CAGACGTTCAAGGTCTCCAAGGAGATCTCTGAGTCCACGGAGGTCCCCAAGAAGGTCAAGAAGTAGAAGT
 CATCATCGGGAGGGCCATGGGTCTTCTAGTTTTGACAGAGAATTAGAAAGAGAGAAAGAACGCCAGCGAC
 TAGAGCGTGAAGCCAAAGAAAGGAGAGAAAGAACGGCGAAGATCCCGAAGTATTGACCGGGGGTTAGAAGC
 CAGGCGCAGCAGAAGTAGGGAAGGCATAGAAGTCGAGTCGAAGTCGTGATAGGAAAGGGGATAGAAGG
 GACAGGGATCGAGAAAGAGAGAGAGAGGATCAAGAGAAAGGTCCAAGGAACAGAGAAGTAGGGGAGA
 GAGGAAATGAACGAGAGAGAGAGAGAGCGATCAAGAGAAAGGTCCAAGGAACAGAGAAGTAGGGGAGA
 GGTAGAAGAGAGAGAGAGAGAGAGAGAGATGATAGCGGCACAGAGATGACAAAAGAGATTCCAAG
 AAAG
 CAGGGAACGAAGTAGAAGTAGAAGCAAG
 AAATAACGAAGTCGAAGTGGCAGTCAAGGAAGAACTGACAGTGTGAAAAATCAAAAAACGGGAACAT
 AGTCCCAGCAAG
 ATAGTAAGGACCAGTCAGACAAACATGATCGTCGAAGGAGCCAAAGTATAGACAAGAGAGCCAAAGAAA
 ACAGCATAAAAACAAAGATGAGACTGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MANNSPALTGNSQPQHQAQAAAAAQQQQCGGGGATKPAVSGKQGNVPLWGSEKTMNLPMLTNILSSP
 YFKVQLYELKTYHEVDEIYFKVTHVEPWEEKSRKTAGQTMCGGVGVGTGGIVSTAFCLLYKLFTLKL
 TRKQVMGLITHDSPYIRALGFMYIRYQPPTDLWDWFSFLDDEEDLDVKAGGGCVMTIGEMLRSLTK
 LEWFSTLFPRIIPVPVQKNIDQIKTRPRKIKKDKEGAEIDRHVERRRSRSPRRSLSPRRSPRRSRRS
 HHREHGSSSFDRELEREKERQRLEREKEREKERRRSRSDRGLERRRSRERHRSRSDRDRKDRR
 DRDREREKENERGRRDRDYDKERGNEREKERSRERSKEQSRGEVEEKKHKEDKDDRRHRDDKDRSK
 KEKKHSRERSRERKHSRERSRNAGKRSRERSKEKSSKHKNESKEKSNKRSRSGSGRTDSVEKSKKREH
 SPSKEKSRKRSRERSKERSHKRDHSDSKDQSDKHDRRRSQSIEQESQEKQHKNKDETV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_018061

ORF Size:	1638 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_018061.1, NP_060531.1</u>
RefSeq Size:	3239 bp
RefSeq ORF:	1641 bp
Locus ID:	55119
UniProt ID:	<u>Q5VTL8</u>
Cytogenetics:	1p13.3
MW:	64.3 kDa