

Product datasheet for **RC200360A1V**

Human PRPF4 (NM_004697) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRPF4 (NM_004697) AAV Particle
Tag:	Myc-DDK
Symbol:	PRPF4
Synonyms:	HPRP4; HPRP4P; PRP4; Prp4p; RP70; SNRNP60
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200360 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCCTCGCGAGCCTCTTCCACGCAGGCAACCAAACTAAAGCACCCGACGACTTAGTTGCTCCGG
 TCGTGAAGAAACACACATCTATTATGGAAGTTTGAAGAGAAGGAGAGGGAGCGTCTGGCCAAAGGAGA
 GTCTGGGATTTTGGGAAAGACGGACTTAAAGCAGGGATCGAAGCTGGAATATTAATATAACCTCTGGA
 GAAGTGTTTGAAATTGAAGAGCATATCAGCGAGCGACAGGCAGAGTATTGGCTGAGTTTGAGAGAAGGA
 AGCGAGCCCGCAGATCAATGTTTCCACAGATGACTCAGAGGTCAAAGCTTGCCTTAGAGCCTTGGGGGA
 ACCCATCACACTTTTGGAGAGGGTCTGCTGAAAGAAGAGAAAGGTTAAGAAATATCCTCTCAGTTGTC
 GGTACTGATGCCTTGAAAAGACCAAAAAGGATGATGAGAAGTCTAAAAAGTCCAAGAAGAGTATCAGC
 AAACCTGGTATCATGAAGGACCAAAATAGCTTGAAGGTGGCAAGACTATGGATTGCTAATTATTCGTTGCC
 CAGGGCAATGAAACGCTTGAAGAGGCCGACTCCATAAGGAGATTCTGAGACAACAAGGACCTCCAG
 ATGCAAGAGCTGCACAAGTCTCTCCGGTCTTTGAATAATTTTGCAGTCAGATTGGGGATGATCGGCCTA
 TCTCTACTGTCACTTTAGTCCCAATTCGAAGATGCTGGCCACAGCTTGTGGAGTGGGCTTTGCAAGCT
 CTGGTCTGTTCTGATTGCAACCTCCTTCACTCTTCGAGGGCATAACACAAATGTAGGAGCAATTGTA
 TTCCATCCCAAATCCACTGTCTCCTTGGACCCAAAAGATGTCAACCTGGCCTCTGTGCGGCTGATGGCT
 CTGTGAAGCTTTGGAGTCTCGACAGTGTGAACCAAGTGGCAGATATTGAAGGCCATACAGTGCCTGTGGC
 GCGGTAATGTGGCATCCTTCAGGACGTTTCTGGGCACCACTGCTATGACCGTTTATGGCGCTTATGG
 GATTTGGAGGCTCAAGAGGAGATCCTGCATCAGGAAGGCCATAGCATGGGTGTGTATGACATTGCCTTCC
 ATCAAGATGGCTCTTTGGCTGGCACTGGGGGACTGGATGCATTTGGTCGAGTTTGGGACCTACGCACAGG
 ACGTTGTATCATGTTCTTAGAAGGCCACCTGAAAGAAATCTATGGAATAAATTTCTCCCAATGGCTAT
 CACATTGCAACCGCAGTGGTGACAACCTGCAAGTGTGGACCTCCGACAGCGGCTTGCCTTACA
 CCATCCCTGCTCATCAGAACTTAGTGACTGGTGTCAAGTTTGAAGCTATCCATGGGAACCTTCTGCTTAC
 TGGTGCCTATGATAACACAGCAAGATCTGGACGCACCCAGGCTGGTCCCGCTGAAGACTCTGGCTGGC
 CACGAAGGCAAGTGTGGGCTAGATATTTCTCCGATGGGCAGCTCATAGCCACTTGCTCATATGACA
 GGACCTCAAGCTGTGGATGGTGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200360 protein sequence
 Red=Cloning site Green=Tags(s)

MASSRASSTQATKTKAPDDL VAPVVKKPHIYYGSLEEKERERLAKGESGILGKDGLKAGIEAGNINITSG
 EVFEIEEHISERQAEVLAEFERRKRARQINVSTDDSEVKACLRLALGEPITLFGEGPAERRERLRNLSV
 GTDALKKTKDDEKSKKSKEEYQQTWYHEGPNSLKVARLWIANYSPLPRAMKRLEEARLHKEIPETTRTSQ
 MQELHKSLRSLNFCQIGDDRPISYCHFSPNSKMLATACWSGLCKLWSVPCNLLHTLRGHNTNVGAIV
 FHPKSTVSLDPKDVNLASCAADGSVKLWLSLDSDEPVADIEGHTVRVARVMWHPGRFLGTTCYDRSWRLW
 DLEAQEEILHQEGHSMGVYDIAFHQDGLAGTGGDLDAFGRVWDLRTGRCIMFLEGLHKEIYGINFSPNGY
 HIATGSGDNTCKVWDLRQRRCVYTIPAHQNLVTGVKFPIHGNFLLTGAYDNTAKIWTWHPGWSPLKTLAG
 HEGKVMGLDISSDGLIATCSYDRTFKLWMAE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004697

ORF Size:

1566 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_004697.3</u>
RefSeq Size:	2941 bp
RefSeq ORF:	1569 bp
Locus ID:	9128
UniProt ID:	<u>O43172</u>
Cytogenetics:	9q32
MW:	58.4 kDa