

Product datasheet for **RC218307A1V**

Human PRPF31 (NM_015629) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRPF31 (NM_015629) AAV Particle
Tag:	Myc-DDK
Symbol:	PRPF31
Synonyms:	NY-BR-99; PRP31; RP11; SNRNP61
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218307 representing NM_015629
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCCTCTGGCAGATGAGCTCTTAGCTGATCTCGAAGAGGCAGCAGAAGAGGAGGAAGGAGGAAGCTATG
 GGGAGGAAGAAGAGGAGCCAGCGATCGAGGATGTGCAGGAGGAGACACAGCTGGATCTTTCCGGGGATTG
 AGTCAAGACCATCGCCAAGCTATGGGATAGTAAGATGTTTGCTGAGATTATGATGAAGATTGAGGAGTAT
 ATCAGCAAGCAAGCCAAAGCTTCAGAAGTGATGGGACCACTGGAGGCCGCGCCTGAATACCGCGTCATCG
 TGGATGCCAACACCTGACCGTGGAGATCGAAAACGAGCTGAACATCATCCATAAGTTTATCCGGGATAA
 GTACTCAAAGAGATTCCTGAAGTGGAGTCTTGGTCCCCAATGCACTGGATTACATCCGACGCTCAAG
 GAGCTGGGCAACAGCCTGGACAAGTGAAGAACAATGAGAACCTGCAGCAGATCCTACCAATGCCACCA
 TCATGGTCGTGACGCTACCGCCTCCACCACCCAGGGGAGCAGCTGTCGGAGGAGGAGCTGGAGCGGCT
 GGAGGAGGCTGCGACATGGCGCTGGAGCTGAACGCCTCAAGCACCGCATCTACGAGTATGTGGAGTCC
 CGGATGTCCTTCATCGCACCCAACTGTCCATCATTATCGGGGCATCCACGGCCGCCAAGATCATGGGTG
 TGGCCGGCGGCTGACCAACCTCTCAAGATGCCTGCCTGCAACATCATGCTGCTCGGGGCCAGCGCAA
 GACGCTGTGGGCTTCTCGTCTACCTCAGTGTGCCCCACACCGGCTACATCTACCACAGTGACATCGTG
 CAGTCCCTGCCACCGATCTGCGGCGGAAAGCGGCCCGGCTGGTGGCCGCCAAGTGCACACTGGCAGCCC
 GTGTGGACAGTTTCCACGAGAGCACAGAAGGGAAGGTGGGCTACGAACTGAAGGATGAGATCGAGCGCAA
 ATTCGACAAGTGGCAGGAGCGCCGCTGTGAAGCAGGTGAAGCCGCTGCCTGCGCCCTGGATGGACAG
 CGGAAGAAGCGAGGCGGCCGAGGTACCGCAAGATGAAGGAGCGGCTGGGCTGACGGAGATCCGGAAGC
 AGGCCAACCGTATGAGCTTCGGAGAGATCGAGGAGGACGCTACCAGGAGGACCTGGGATTACGCTGGG
 CCACCTGGGCAAGTGGGCAAGTGGGCGTGTGCGGCAGACACAGGTAAACGAGGCCACCAAGGCCAGGATC
 TCCAAGACGCTGCAGCGGACCTGCAGAAGCAGAGCGTGTATATGGCGGGAAGTCCACCATCCGCGACC
 GCTCCTCGGGACGCGCTCCAGCGTGGCCTTACCCCACTCCAGGGCCTGGAGATTGTGAACCCACAGGC
 GGCAGAGAAGAAGGTGGTGGTGGGCAACCAAGAAGTATTCTCCAGCATGGCTGAGTTCTCAAGTTAAG
 GGCGAGAAGAGTGGCCTTATGTCCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218307 representing NM_015629
 Red=Cloning site Green=Tags(s)

MSLADELLADLEEAAAAEEGGSYGEEEEEPAIEDVQEETQLDLSGDSVKTIKWLWDSKMF AEIMMKIEEY
 ISKQAKASEVMGPVEAAPEYRVIVDANNLTVEIENELNIIHKFIRDKYSKRFPELESLVPNALDYIRTVK
 ELGNSLDKCKNNENLQQILT NATIMVSVTASTTQGGQLSEEELERLEEACDMALELNASKHRIEYVES
 RMSFIAPNLSIIIGASTAAKIMGVAGGLTNLSKMPACNIMLLGAQRKTL SGFSSTSVLPHTGYIYHSDIV
 QSLPPDLRRKAARLVA AKCTLAARVDSFHSTEGKVGVELKDEIERKFDKWQEP PPVKQVKPLPAPLDGQ
 RKKRGGRRYRKMKERLGLTEIRKQANRMSFGEIEEDAYQEDLGFSLGHLGKSGSGRVRQTQVNEATKARI
 SKTLQRTLQKQSVVYGGKSTIRDRSSGTASSVAFTPLQGLEIVNPQAAEKKVAEANQKYFSSMAEFLKVK
 GEKSGLMST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015629

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:	<u>NM_015629.2</u>
RefSeq Size:	2153 bp
RefSeq ORF:	1500 bp
Locus ID:	26121
UniProt ID:	<u>Q8WWY3</u>
Cytogenetics:	19q13.42
MW:	55.3 kDa