

Product datasheet for **RC200698A1V**

Human PRPS1 (NM_002764) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PRPS1
Synonyms:	ARTS; CMTX5; DFN2; DFNX1; PPRibP; PRS-I; PRSI
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200698 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGCCGAATATCAAAATCTTCAGCGGCAGCTCCCACCAGGACTTATCTCAGAAAATTGCTGACCGCCTGG
GCCTGGAGCTAGGCAAGGTGGTGACTAAGAAATTCAGCAACCAGGAGACCTGTGTGGAATTTGGTGAAAG
TGTACGTGGAGAGGATGTCTACATTGTTTCAGAGTGGTTGTGGCGAAATCAATGACAATTTAATGGAGCTT
TTGATCATGATTAATGCCTGCAAGATTGCTTCAGCCAGCCGGGTTACTGCAGTCATCCCATGCTTCCCTT
ATGCCCGGCAGGATAAGAAAGATAAGAGCCGGGCGCCAATCTCAGCCAAGCTTGTGCAAAATATGCTATC
TGATGACAGGTGCAGATCATATTATCACCATGGACCTACATGCTTCTCAAATTCAGGGCTTTTTGATATC
CCAGTAGACAATTTGTATGCAGAGCCGGCTGTCTAAAGTGGATAAGGGAGAATATCTCTGAGTGGAGGA
ACTGCACTATTGTCTCACCTGATGCTGGTGGAGCTAAGAGAGTGACCTCCATTGCAGACAGGCTGAATGT
GGACTTTGCCTTGATTCACAAAGAACGGAAGAAGGCCAATGAAGTGGACCGCATGGTGCTTGTGGGAGAT
GTGAAGGATCGGGTGGCCATCCTTGTGGATGACATGGCTGACACTTGTGGCACAATCTGCCATGCAGCTG
ACAAACTTCTCTCAGCTGGCGCCACCAGAGTTTATGCCATCTTGACTCATGGAATCTTCTCCGGTCTGCTC
TATTTCTCGCATCAACAACGCATGCTTTGAGGCAGTAGTAGTCACCAATACCATACCTCAGGAGGACAAG
ATGAAGCATTGCTCCAAAATACAGGTGATTGACATCTCTATGATCCTTGCAGAAGCCATCAGGAGAACTC
ACAATGGAGAATCCGTTTCTTACCTATTCAGCCATGTCCTTTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200698 protein sequence Red=Cloning site Green=Tags(s) MPNIKIFSGSSHQDL SQKIADRLGLELGKVVTKKFSNQETCVEIGESVRGEDVYIVQSGCGEINDNLMEL LIMINACKIASASRVTAVIPCFPYARQDKKDSRAPISAKLVANMLSVAGADHIITMDLHASQIQGFDDI PVDNL YAEPV LKWIRENISEWRNCTIVSPDAGGAKRVTSIADRLNVDFAL IHKERKKANEVDRMVL VGD VKDRVAILVDDMADTCGTICHAADKLLSAGATRVYAILTHGIFSGPAISRINNACFEAVVVTNTIPQEDK MKHC SKIQVIDISMILAEAIRRTHNGESVSYLFSHVPL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002764
ORF Size:	954 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_002764.2</u>
RefSeq Size:	2156 bp
RefSeq ORF:	957 bp
Locus ID:	5631
UniProt ID:	<u>P60891</u>
Cytogenetics:	Xq22.3
MW:	34.8 kDa