

Product datasheet for **RC219227A1V**

Human PRPS2 (NM_001039091) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRPS2 (NM_001039091) AAV Particle
Tag:	Myc-DDK
Symbol:	PRPS2
Synonyms:	PRSII
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC219227 representing NM_001039091 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCCAACATCGTGCTGTTTCAGCGGCAGCTCGCATCAGGACCTGTCCCAGCGCGTGGCCGACCGCCTGG
GCCTGGAGCTGGGCAAGGTGGTCACGAAGAAGTTCAGCAACCAGGAGACCAGCGTGGAGATTGGTGAAAG
CGTGAGAGGGGAAGATGTCTACATCATCCAGAGCGGCTGCGGGGAAATTAACGACAACCTGATGGAATC
CTCATCATGATCAATGCCTGCAAGATTGCGTCATCATCCAGAGTAAGTCCCGTGATCCCGTGTTCCTCCAT
ACGCCCGACAAGATAAAAAGGACAAGGTAGGAGAGAGTCGTGCCCAATTTCTGCAAACTTGTGGCCAA
TATGCTGTCGGTGGCTGGGGCGGATCACATCATCACCATGGACCTGCATGCTTCTCAGATACAGGGATTCT
TTTGATATTCCTGTGGATAATTTGTATGCGGAGCCCGCAGTCCTGCAGTGGATTGCGGAAACATTGCCG
AGTGGAAGAACTGTATCATTGTTTCACCTGACGCAGGGGGAGCCAAAAGGGTTACATCAATTGCAGACAG
GTTGAATGTGAATTTGCTTTGATCCACAAAGAGAGGAAGAAGGCGAATGAAGTGGACCGGATGTCCTG
GTGGGCGACGTGAAGGACCGTGTGGCCATCCTCGTGGATGACATGGCTGACACTTGGCGCACCATCTGCC
ATGCTGCGGACAAGCTGCTGTCAGCTGGAGCCACCAAAGTGTATGCTATCCTTACCCATGGGATCTTCTC
TGGACCAGCTATTTCCAGAATAAATAATGCCGCCTTTGAGGCTGTTGTCGTCACAAACACAATTCGCA
GAGGACAAAATGAAACACTGCACCAAGATTCAGGTCATTGACATTTCCATGATCTTGGCCGAAGCAATCC
GAAGGACACACAATGGGAATCCGTGTCCTACCTGTTTCAGCCATGTCCCCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC219227 representing NM_001039091 Red=Cloning site Green=Tags(s) MPNIVLFSGSSHQDL SQRVADRLGLELGKVVTKKFSNQETSVEIGESVRGEDVYIIQSGCGEINDNLMEL LIMINACKIASSSRVTAVIPCFPYARQDKKDKVGESRAPISAKLVANMLSVAGADHIITMDLHASQIQGF FDIPVDNL YAEP AVLQWIRENIAEWKNCIIVSPDAGGAKRVTSIADRLNVEFAL IHKERRKANEVDRMVL VGDVKDRVAILVDDMADTCGTICHAADKLLSAGATKVYAILTHGIFSGPAISRINNAAFEAVVVTNTIPQ EDKMKHCTKIQVIDISMILAEAIRRTHNGESVSYLFSHVPL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001039091
ORF Size:	963 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_001039091.1, NP_001034180.1</u>
RefSeq Size:	2518 bp
RefSeq ORF:	966 bp
Locus ID:	5634
UniProt ID:	<u>P11908</u>
Cytogenetics:	Xp22.2
MW:	34.9 kDa