

Product datasheet for **RC201140A1V**

Human PROX1 (NM_002763) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PROX1 (NM_002763) AAV Particle
Tag:	Myc-DDK
Symbol:	PROX1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201140 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTGACCATGACAGCACAGCCCTCTTAAGCCGGCAAACCAAGAGGAGAAGAGTTGACATTGGAGTGA
AAAGGACGGTAGGGACAGCATCTGCATTTTTTGCTAAGGCAAGAGCAACGTTTTTTAGTGCCATGAATCC
CCAAGTTCTGAGCAGGATGTTGAGTATTCAGTGGTGCAGCATGCAGATGGGGAAAAAGTCAAATGTACTC
CGCAAGCTGCTGAAGAGGGCGAACTCGTATGAAGATGCCATGATGCCTTTTCCAGGAGCAACCATAATTT
CCCAGCTGTTGAAAAATAACATGAACAAAAATGGTGGCACGGAGCCAGTTTCCAAGCCAGCGGTCTCTC
TAGTACAGGCTCCGAAGTACATCAGGAGGATATATGCAGCAACTCTTCAAGAGACAGCCCCCAGAGTGT
CTTTCCCTTTTGGCAGGCCTACTATGAGCCAGTTTGATATGGATCGTTATGTGATGAGCACCTGAGAG
CAAAGCGCGCCGGGTTGAGAAATAATTGGGGTATGAGCCATTCAGTGTGGCATTAAAGGGGCAA
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AGCCCTCCCGCAGGTTCTCAGGTCTTCCACCTCTCCAGATCCCCAGGCCAGATTTCAGTCAATGG
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TATCCATTTAGAGCCCATAGGTGCTCCCTCCGGCTCCTTCTCTGAAAAGACAGAGCCTCTCCTGAAT
CCTTAGACTTAAGTAGGATACACGAGTCTGAGGACCAAGATGCATCTCACCACCTGAGCCACCACCC
TTGTTACACGACACCCGCCAGCAGCCGGAAGGGCTCTCCTTGTGCTCATAAAGTCCGAGTGCGGC
GATCTTCAAGATATGTCTGAAATATCACCTTATTCGGGAAGTGAATGCAGGAAGGATTGTACCCAATC
ACTTGAAAAAGCAAAGCTCATGTTTTTTATACCCGTTATCCAGCTCCAATATGCTGAAGACCTACTT
CTCCGACGTAAAGTTCAACAGATGCATTACCTCTCAGCTCATCAAGTGGTTTAGCAATTTCCGTGAGTTT
TACTACATTAGATGGAGAAGTACGCACGTCAAGCCATCAACGATGGGGTACCAGTACTGAAGAGCTGT
CTATAACCAGAGACTGTGAGCTGTACAGGGCTCTGAACATGCACTACAATAAAGCAATGACTTTGAGGT
TCCAGAGAGATTCTGGAAGTTGCTCAGATCACATTACGGGAGTTTTTCAATGCCATTATCGCAGGCAAA
GATGTTGATCCTTCTGGAAGAAGGCCATATAACAAGTCACTGCAAGCTGGATAGTGAAGTCCCTGAGA
TTTTCAAATCCCGAAGTGCCTACAAGAGCTGCTTCATGAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201140 protein sequence Red=Cloning site Green=Tags(s) MPDHDSTALLSRQTKRRRVDIGVKRTVGTASAFFAKARATFFSAMNPQGSEQDVEYSVVQHADGEKSNVL RKLLKRANSYEDAMPPFGATIIISQLLKNMNKNGGTEPSFQASGLSSTGSEVHQEDICSNSSRDSPEEC LSPFGRPTMSQFDMRLCDEHLRAKRARVENIIRGMSHSPSVALRGNEREMAPQSVSPRESYRENKRK QKLPQQQQQSFQQLVSARKEQKREERRQLKQQLQLEDQMQLRQLQEKFYQIYDSTDSEDEDGNLSEDSMR SEILDARAQDSVGRSDNEMCELDPGQFIDRARALIREQEMAENKPKREGNNKERDHGPNLSLQPEGKHLAE TLKQELNTAMSQVVDTVVKVFSAPSRQVPQVFPPLQIPQARFAVNGENHNHFTANQRLQCFGDV IIPNP LDTFGNVQMASSTDQTEALPLVVRKNSSDQSASGPAAGGHHQPLHQSPLSATTGFTTSTRHPFPLPLMA YPFQSPLGAPSGSFGKDRASPESLDL TRDTSLSRTKMSSHLSHPCSPAHPSTAEGLSLSLIKSECG DLQDMSEISPYSGSAMQEGLSPNHLKKAKLMFFYTRYPPSSNMLKTYFSDVKFNRCITSQLIKWFSNFREF YYIQMEKYARQAINDGVSTEELSITRDCEL YRALNMHYNKANDFEVPERFLEVAQITLREFFNAIIAGK DVDPSWKKAIYKVICKLDSEVPEIFKSPNCLQELLHE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002763
ORF Size:	2211 bp
Buffer:	PBS with 0.001% Pluronic F5168
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_002763.3</u>
RefSeq Size:	8178 bp
RefSeq ORF:	2214 bp
Locus ID:	5629
UniProt ID:	<u>Q92786</u>
Cytogenetics:	1q32.3
MW:	83.2 kDa