

Product datasheet for **RC200879A1V**

Human PUS1 (NM_025215) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PUS1 (NM_025215) AAV Particle
Tag:	Myc-DDK
Symbol:	PUS1
Synonyms:	MLASA1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200879 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGCCTCCAGCTTCGCGCGCTGTTGGGAGCCTTCGGACGGTGGACCCTGCGCCTGGGACCGCGTCCGT
CCTGCTCGCCGCGCATGGCCGGGAACGCGGAGCCGCCGCCGCGGAGCCGCATGCCCCAGGACCGGAG
GTCCTGCAGCGGCCGGGCGGGGCGGACCGCTCTGGGAGGACGGAGAATCCGGCGAAGAAGCTCAAG
AGCGGTGGCGACGAGGAGCGGCGCGAGAAGCCGCCCAAGCGGAAGATCGTGCTGCTCATGGCCTATTCGG
GCAAGGGCTACCACGGCATGCAGAGGAATGTCGGGTCTCACAATTCAAAACAATTGAAGATGACTTGGT
GTCCGCGCTCGTCCGGTCAGGCTGTATTCTGAAAATCATGGTGAGGACATGAGGAAAATGTCCTTCCAG
CGCTGCGCCCGGACAGACAAGGGTGTGTCCGACGCCGGCCAGGTGGTATCCCTGAAGGTGTGGCTGATTG
ACGACATTCTAGAAAAGATCAACAGCCACCTTCCTCTCACATTCGGATTCTGGGACTGAAGCGGGTCAC
GGGCGGGTTAACTCCAAGAACAGATGTGATGCCAGGACCTATTGCTACCTGCTGCCACGTTTGCTTTT
GCGCACAAGGACCGGGACGTTTCCAGGATGAGACCTACCGCTGAGCGCGGAGACGCTGCAGCAGGTCAACA
GGCTCCTGGCCTGCTACAAGGGCACGCACAATTCACAATTTACCTCGCAGAAGGGGCGCAGGATCC
CAGTGCCTGCCCTACATCCTGGAGATGTACTGCGAGGAACCTTTGTGCGGGAGGGCCTGGAGTTTGGC
GTGATCAGGGTGAAGGGCCAGAGCTTCATGATGCATCAGATCCGGAAGATGGTCGGCCTGGTGGTGCCA
TTGTGAAGGGTTATGCCCTGAGAGCGTGTGGAGCGCAGCTGGGGCACAGAGAAGGTGGACGTGCCCAA
GGCGCCCGGACTCGGCCTGGTCTGAGAGGGTGCACTTCGAGAAGTACAACCAGCGCTTTGGCAACGAT
GGGCTGCATGAGCCGCTGGACTGGGCGCAGGAGGAAGGAAAGGTGCGAGCCTTCAAGGAGGAGCATCT
ACCCACCATCATCGGCACCGAGCGGGACGAACGCTCCATGGCCAGTGGCTGAGCACCTTGCCCATCCA
CAACTTCAGTGCCACCGCTCTCACGGCAGGTGGCACGGGCGCCAAGGTGCCAGTCCCCTGGAAGGCAGT
GAAGGGGACGGAGACACTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200879 protein sequence Red=Cloning site Green=Tags(s) MGLQLRALLGAFGRWTLRLGPRPSCSPRMAGNAEPPPAGAACPDQRRSCSGRAGGDRVWEDGEHPAKKLLKSGGDEERREKPPKRKIVLLMAYSGKGYHGMQRNVGSSQFKTIEDDLVSALVRSGCIPENHGDMRKMSFQRCARTDKGVSAAGQVSLKVWLIDDILEKINSHLPISHIRILGLKRVTTGGFNSKNRCDARTYCYLLPTFAFAHKDRDVQDETYRLSAETLQQVNRLLACYKGTHNFHNFTSQKGPQDPSACRYILEMYCEEPFVREGLEFAVIRVKGQSFMMHQIRKMGVLVVAIVKGYAPESVLEERSWGTEKVDVPAKGLGLVLERVHFEEKYNQRFQNDGLHEPLDWAQEEGKVAAFKEEHIYPTIIGTERDERSMAQWLSTLPIHNFATALTAGGTGAKVPSPLEGSEGDGDTD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_025215
ORF Size:	1281 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:	NM_025215.4
RefSeq Size:	2014 bp
RefSeq ORF:	1284 bp
Locus ID:	80324
UniProt ID:	Q9Y606
Cytogenetics:	12q24.33
MW:	47.5 kDa