

Product datasheet for **RC203676A1V**

Human FKBP10 (NM_021939) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FKBP10 (NM_021939) AAV Particle
Tag:	Myc-DDK
Symbol:	FKBP10
Synonyms:	BRKS1; FKBP65; hFKBP65; OI6; OI11; PPIASE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203676 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTCCCGCGGGCCCCCAGCCACAGCCTCCTCCGGCTCCCCTGCTGCAGTTGCTGCTACTGCTGG
 TGCAGGCGGTGGGGAGGGGCTGGGCCGCGCCAGCCCGGCCGGGGGCCCTGGAAGATGTGGTCATCGA
 GAGGTACCACATCCCCAGGGCCTGTCCCGGGAAGTGCAGATGGGGGATTTTGTGCGCTACCACTACAAC
 GGCACCTTTGAAGATGGCAAGAAGTTTATTCAAGCTATGATCGCAACACCTTGGTGCCATCGTGGTGG
 GTGTGGGGCGCCTCATCACTGGCATGGACCGAGGCCTCATGGCATGTGTGTCAACGAGCGGCGACGCCT
 CATTGTGCCTCCCCACCTGGGCTATGGGAGCATCGGCCTGGCGGGGCTCATTCCACCGGATGCCACCCTC
 TACTTCGATGTGGTTCTGCTGGATGTGTGGAACAAGGAAGACACCGTGCAGGTGAGCACATTGCTGCGCC
 CGCCCCACTGCCCCCGCATGGTCCAGGACGGCGACTTTGTCCGCTACCACTACAATGGCACCCCTGCTGGA
 CGGCACCTCCTTCGACACCAGCTACAGTAAGGGCGGCATTATGACACCTACGTCGGCTCTGGTTGGCTG
 ATCAAGGGCATGGACCAGGGGCTGCTGGGCATGTGTCTGGAGAGAGAAGGAAGATTATCATCCCTCCAT
 TCCTGGCCTATGGCGAGAAAGGCTATGGGACAGTGATCCCCCACAGGCCTCGTGGTCTTTACGTCCT
 CCTGATTGACGTGCACAACCCGAAGGACGCTGTCCAGCTAGAGACGCTGGAGTCCCCCGGGCTGTGTC
 CGCAGAGCCGGGGCCGGGACTTCATGCGCTACCACTACAATGGCTCCTTGATGGACGGCACCCCTCTTCG
 ATTCCAGCTACTCCCGCAACCACCTACAATACCTATATCGGGCAGGGTTACATCATCCCCGGGATGGA
 CCAGGGGCTGCAGGTGCCTGCATGGGGGAACGCCGGAAGTACCATCCCCCGCACCTCGCCTATGGG
 GAGAATGGAAGTGGAGACAAGATCCCTGGCTCTGCCGTGCTAATCTTCAACGTCCATGTCACTGACTTCC
 ACAACCCTGCGGATGTGGTGGAAATCAGGACACTGTCCCGGCCATCTGAGACCTGCAATGAGACCACAA
 GCTTGGGGACTTTGTTTCGATACCATACAAGTGTCTTTGCTGGACGGCACCCAGCTGTTACCTCGCAT
 GACTACGGGGCCCCCAGGAGGCGACTCTCGGGGCAACAAGGTGATCGAAGGCCTGGACACGGGCCTGC
 AGGGCATGTGTGTGGGAGAGAGGCGGCAGCTCATCGTCCCCCGCACCTGGCCCACGGGAGAGTGGAGC
 CCGGGGAGTCCAGGCAGTGTGTGCTGCTGTTTGAAGTGGAGCTGGTGTCCCGGAGGATGGGTGCC
 ACAGGCTACCTGTTTGTGTGGCACAAGGACCCTCTGCCAACCTGTTTGAAGACATGGACCTCAACAAGG
 ATGGCGAGGTCCCTCCGAGGAGTCTCCACCTTCATCAAGGCTCAAGTGAAGTGGAGGCAAGGACGCCT
 CATGCTGGGCGAGGACCCTGAGAAAACCATAGGAGACATGTTCCAGAACGAGACCGCAACCAGGACGGC
 AAGATCACAGTCGACGAGCTCAAGCTGAAGTCAGATGAGGACGAGGAGCGGGTCCACGAGGAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203676 protein sequence
 Red=Cloning site Green=Tags(s)

MFPAGPPSHSLRLPLQLLLLLVVQAVGRGLGRASPAGGPLEDVVIERYHIPRACPREVQMDFVRYHYN
 GTFEDGKKFDSSYDRNTLVAIVVGVRGLITGMDRGLMGMVNERRLIVPPHLGYGSIGLAGLIIPDAIL
 YFDVVLDDVWNKEDTVQVSTLLRPPHCPRMVQDGFVRYHYNGTLLDGTSTSYSGGTYDITYVSGWL
 IKGMDQGLLGMPGERRKIIIPPFLAYGEKGYGTVIPQASLVFHVLLIDVHNPKDAVQLETLELPPGCV
 RRAGAGDFMRYHYNGSLMDGTLFDSSYSRNHTYNTYIGQGYIIPGMDQGLQGACMGERRRITIPPLAYG
 ENGTGDKIPGSAVLIFNVHVIDFHNPAADVVEIRTLRPSSETCNETTKLGDFVRYHYNCSLLDGTQLFTSH
 DYGAPEATLGANKVIEGLDTGLQGMVGERRLIVPPHLAHGESGARGVPGSAVLLFEVLVSREDGLP
 TGYLFVWHKDPANLFDMDLNKDGVEPPEEFSTFIKAQVSEKGRMLMPGQDPEKTIIDGMFQNDQDRNQD
 KITVDELKLSDEDEERVHEEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_021939
ORF Size:	1746 bp
Buffer:	PBS with 0.001% Pluronic F5465
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_021939.2</u>
RefSeq Size:	2888 bp
RefSeq ORF:	1749 bp
Locus ID:	60681
UniProt ID:	<u>Q96AY3</u>
Cytogenetics:	17q21.2
MW:	64.2 kDa