

Product datasheet for **RC205665A1V**

Human **FLVCR2 (NM_017791)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FLVCR2 (NM_017791) AAV Particle
Tag:	Myc-DDK
Symbol:	FLVCR2
Synonyms:	C14orf58; CCT; EPV; FLVCRL14q; MFSD7C; PVHH; SLC49A2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205665 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAATGAAGGTCCCAACCAGGAAGAGAGCGATGACACCCCTGTGCCGGAGTCCGCACTCCAAGCGG
 ACCCCAGCGTCTCGGTCCATCCCAGCGTCTCGGTCCATCCCAGCGTCTCCATCAACCCAGCGTCTCTGT
 CCACCCAGCAGTTCGGCCACCCAGTGCCTTAGCCCAACCCAGTGGCTTGGCTCACCCAGTAGCTCG
 GGCCCTGAGGACCTCAGCGTGATCAAGGTGAGCAGGCGCGGTTGGGCCGTGGTCTGGTGTCTAGCTGCT
 ACTCCATGTGCAACTCCTTCAGTGGATCCAGTACGGCTCCATCAATAACATCTTCATGCACTTCTACGG
 TGTGAGTGCCTTGGCATTGACTGGCTGTCCATGTGCTACATGCTGACTTACATCCCTCTGCTCTGCCA
 GTGGCTTGGCTGCTGGAGAAGTTCGGCTGCGCACCATTGCTCTCACTGGCTCGGCTCTCAACTGCCTGG
 GGGCTGGGTGAAGCTGGGAGCCTGAAGCCGATCTCTTCCGGTACCGTGGTGGGCCAGCTCATCTG
 CTCTGTGGCCAGGTTTTTCATCCTGGGATGCCCTCCCGCATCGCTTCCGTCTGGTTCCGGGCTAATGAG
 GTTTCAACAGCCTGCTCCGTGGCTGTCTTTGGCAATCAGCTTGAATTGCGATTGGGTTCTTGGTCCCTC
 CTGTTTTGGTACCCAACATTGAAGACCGGGACGAGCTTGCCTACCACATCAGCATCATGTTCTATATAAT
 AGGAGGTGTGGCACTCTCCTCCTCATCTTGTGTCATATTGTGTTCAAGGAGAAACCTAAATATCCCCC
 AGCAGGGCCCAATCCCTGAGCTATGCCTTGACCTCTCCTGATGCCTCATACTTAGGTTCCATCGCCCGGC
 TCTTCAAAAATCTCAACTTTGTGCTGCTTGTATCACCTATGGTCTGAATGCTGGTGTCTTTATGCCTT
 GTCCACTCTTCTGAATCGCATGGTGATCTGGCACTACCGGGGGAAGAAGTGAATGCTGGAAGAATTGGC
 CTGACGATCGTCATTGCAGGAATGCTTGGGCTGTGATCTCAGGAATCTGGCTGGATAGGTCCAAACCT
 ACAAAGAGACAACCTGGTAGTCTATATCATGACACTGGTGGCATGGTGGTGTACACGTTTACCTTGAA
 CCTGGGACACCTGTGGTAGTGTTCATCACTGCTGGCACAATGGGCTTCTTTATGACTGGCTATCTCCCA
 CTGGGATTTGAGTTTGTGTGGAGCTACGTACCCAGAATCAGAAGGCATCTCCTCCGGCTCCTCAACA
 TATCTGCACAGGTATTTGGGATCATCTTACCCTCTCCAGGGCCAGATTATTGACAACATGGAACCAA
 GCCTGGGAACATCTTCTGTGTGTCTTCTTCTTGGAGCAGCCCTCACTGCATTCTTAAGGCAGAT
 CTCCGGAGACAGAAAGCAACAAAGAACTCTTGAGAACAACTCCAAGAGGAGGAGGAGAGAGCAACA
 CCAGCAAAGTGCCCACTGCTGTGTCAGAGGATCATCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205665 protein sequence
 Red=Cloning site Green=Tags(s)

MVNEGPNQEESDDTPVPESALQADPSVSVHPSVSVHPSVINPSVSVHPSSSAHPSALAQPGLAHPSSS
 GPEDLSVIKVSRRRWAVVLVFSCYSMNSFQWIYGSINNIFMHFYGVSAFAIDWLSMCYMLTYIPLLLP
 VAWLLEKFGRLTIALTGSALNCLGAWVKLGSLKPHLFPVTVVQGLICSVAQVFI LGMPSTRIASVWFGANE
 VSTACSVAVFGNQLGIAIGFLVPPVLVPNIEDRDELAYHISIMFYIIGGVATLLILVIVFKEKPKYPP
 SRAQSLSYALTSPDASYLGSIALRFLKNLNFVLLVITYGLNAGAFYALSTLLNRMVWHYPGEEVNAGRIG
 LTIIVAGMLGAVISGIWLDKSKTYKETTLVVYIMTLVGMVVYFTLNLGHLWVVFITAGTMGFFMTGYLP
 LGFEFAVELTYPESEGISSGLLNISAQVFGIIFTISQGGIIDNYGTPGNIFLCVFLTLGAALTAFIKAD
 LRRQKANKETLENKLQEEEEESNTSKVPTAVSEDL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017791

ORF Size:

1578 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_017791.1</u>
RefSeq Size:	3669 bp
RefSeq ORF:	1581 bp
Locus ID:	55640
UniProt ID:	<u>Q9UPI3</u>
Cytogenetics:	14q24.3
MW:	57.2 kDa