

Product datasheet for **RC223868A1V**

Human CFHR5 (NM_030787) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CFHR5 (NM_030787) AAV Particle
Tag:	Myc-DDK
Symbol:	CFHR5
Synonyms:	CFHL5; CFHR5D; FHR-5; FHR5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223868 representing NM_030787
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTGCTCTTATTCAGTGAATCCTAATCTCATGGGTATCCACTGTTGGGGGAGAAGGAACACTTTGTG
 ATTTTCCAAAAATACACCATGGATTTCTGTATGATGAAGAAGATTATAACCCCTTTTCCCAAGTTCCTAC
 AGGGGAAGTTTCTATTACTCCTGTGAATATAATTTGTGTCTCCTTCAAATCCTTTTGGACTCGCAT
 ACATGCACAGAAGAAGGATGGTCACCAACACCGAAGTGTCTCAGAATGTGTTCTTTCTTTTGAAAA
 ATGGTCATTCTGAATCTTCAGGACTAATACATCTGGAAGGTGATACTGTACAAATTATTTGCAACACAGG
 ATACAGCCTTCAAACAATGAGAAAAACATTTCTGTGTAGAACGGGGCTGGTCCACTCCTCCCATATGC
 AGCTTCACTAAAGGAGAATGTCATGTTCCAATTTAGAAGCCAATGTAGATGCTCAGCAAAAAAAGAAA
 GCTACAAAGTTGGAGACGTGTTGAAATCTCTGCAGAAAAATCTTATAAGAGTTGGATCAGACTCAGT
 TCAATGTTACCAATTTGGGTGGTCACCTAACTTTCCAACATGCAAAGGACAAGTACGATCATGTGGTCCA
 CCTCTCAACTCTCCAATGGTGAAGTTAAGGAGATAAGAAAAGAGGAATATGGACACAATGAAGTAGTGG
 AATATGATTGCAATCCTAATTTTATAATAAACGGGCCTAAGAAAATACATGTGTGGATGGAGAATGGAC
 AACTTTACCCACTTGTGTTGAACAAGTGAACATGTGGATACATACCTGAACCTCGAGTACGGTTATGTT
 CAGCCGTCTGTCCCTCCCTATCAACATGGAGTTTCAGTCGAGGTGAATTGCAGAAATGAATATGCAATGA
 TTGAAATAACATGATTACCTGTATTAATGGAATATGGACAGAGCTTCTATGTGTGTTGCAACACACCA
 ACTTAAGAGGTGCAAAATAGCAGGAGTTAATATAAAAAACATTACTCAAGCTATCTGGGAAAGAATTAAT
 CATAATTCTAGAATACGTTACAGATGTTACAGACATCTCAGATACAGGCACTCAGTCTGTATAAACGGGA
 AATGGAATCCTGAAGTAGACTGCACAGAAAAAGGGAACAATTCGCCACCGCCACCTCAGATACCTAA
 TGCTCAGAAATATGACAACACAGTGAATTATCAGGATGGAGAAAAAGTAGCTGTTCTCTGTAAAGAAAAAC
 TATCTACTTCCAGAAGCAAAAGAAATTGTATGTAAAGATGGACGATGGCAATCATTACCACGCTGTGTTG
 AGTCTACTGCATATTGTGGGCCCCCTCCATCTATTAACAATGGAGATACCACCTCATTCCCATATCAGT
 ATATCTCCAGGGTCAACAGTGACGTACCGTTGCCAGTCTTCTATAAACTCCAGGGCTCTGTAAGTGA
 ACATGCAGAAATAACAGTGGTCAGAACCAAGATGCCTAGATCCATGTGTGGTATCTGAAGAAAAACA
 TGAACAAAAATAACATACAGTAAAAATGGAGAACGATGGAAACTCTATGCAAAACAGGGGATGCTGT
 TGAATTCAGTGTAAATCCACATAAAGCGATGATATCATCACCACCATTCGAGCAATCTGTCAGGAA
 GGGAAATTTGAATATCCTATATGTGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLLLFSVILISWVSTVGEGTLCDFPKIHGFLYDEEDYNPFSQVPTGEVFYYSCEYNFVSPSKSFWTRI
 TCTEEGWSPTPKLRMCSFPFVKNGHSESSGLIHLEGDTVQIIICNTGYSLQNNKNI SCVERGWSPTPIC
 SFTKGECHVPILEANVDAQPKKESYKVGDLKFSKRNLIRVGSDSVQCYQFGWSPNFPCTCKGQVRSCGP
 PPQLSNGEVKEIRKEEYGHNEVVEYDCPNFIINGPKKIQCVDGEWTLPTCQEYKTCGYIPELEYGYV
 QPSVPPYQHGVSVENCRNEYAMIGNNMITCINGIWTELPVCVATHQLKRCKIAGVNIKTLLKLSGKEFN
 HNSRIRYRCSDFRYRHSVCINGKWNPEVDCTEKREQCPPPPQIPNAQNMTTNYQDGEKVAVLCKEN
 YLLPEAKEIVCKDGRWQSLPRCESTAYCGPPPSINNGDTSFPLSVYPPGSTVTYRCQSFYKLQGSVTV
 TCRNKQWSEPPRCLDPCVVSEENMNKNNIQLKWRNDGKLYAKTGDAVEFQCKFPHKAMISSPPFRAICQE
 GKFEYPICE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_030787
ORF Size:	1707 bp
Buffer:	PBS with 0.001% Pluronic F8727
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_030787.1</u>
RefSeq Size:	2823 bp
RefSeq ORF:	1710 bp
Locus ID:	81494
UniProt ID:	<u>Q9BXR6</u>
Cytogenetics:	1q31.3
MW:	62.5 kDa