

Product datasheet for **RC231307A1V**

Human FMRP (FMR1) (NM_001185075) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FMRP (FMR1) (NM_001185075) AAV Particle
Tag:	Myc-DDK
Symbol:	FMRP
Synonyms:	FMRP; FRAXA; POF; POF1; POFX
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC231307 representing NM_001185075
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAGCTGGTGGTGAAGTGC GG GCTCCAATGGCGCTTTCTACAAGGCATTTGTAAGGATGTTCC
 ATGAAGATTCAATAACAGTTGCATTTGAAAACAACTGGCAGCCTGATAGGCAGATTCCATTTTCATGATGT
 CAGATTCACCTCCTGTAGGTTATAATAAAGATATAAATGAAAGTGATGAAGTTGAGGTGATTCCAGA
 GCAAAATGAAAAAGAGCCTTGCTGTTGGTGGTTAGCTAAAGTGAGGATGATAAAGGGTGAGTTTTATGTGA
 TAGAATATGCAGCATGTGATGCAACTTACAATGAAATTGTCACAATTGAACGTCTAAGATCTGTTAATCC
 CAACAACTGCCACAAAAGATACTTTCCATAAGATCAAGCTGGATGTGCCAGAAGACTACGGCAAATG
 TGTGCCAAGAGGCGGCACATAAGGATTTAAAAAGGCAGTTGGTGCCTTTCTGTAACCTATGATCCAG
 AAAATTATCAGCTTGTCATTTTGTCCATCAATGAAGTCACCTCAAAGCGAGCACATATGCTGATTGACAT
 GCACTTCGGAGTCTGCGCACTAAGTTGTCTCTGATAATGAGAAATGAAGAAGCTAGTAAGCAGCTGGAG
 AGTTCAAGGCAGCTTGCCTCGAGATTTTCATGAACAGTTTATCGTAAGAGAAGATCTGATGGGTCTAGCTA
 TTGGTACTCATGGTGCTAATATTCAGCAAGCTAGAAAAGTACCTGGGGTCACTGCTATTGATCTAGATGA
 AGATACCTGCACATTTTCATTTTATGGAGAGGATCAGGATGCAGTGAAAAAGCTAGAAGCTTTCTCGAA
 TTTGCTGAAGATGTAATAAAGTTCCAAGGAACCTAGTAGGCAAAGTAATAGGAAAAATGGAAAGCTGA
 TTCAGGAGATTGTGGACAAGTCAGGAGTTGTGAGGGTGAGGATTGAGGCTGAAAAATGAGAAAAATGTTCC
 ACAAGAAGAGGAAATATGCCACCAAATTCCTTCCCTTCCAATAATTCAAGGGTTGGACCTAATGCCCA
 GAAGAAAAAACATTTAGATATAAAGGAAAACAGCACCCATTTTCTCAACCTAACAGTACAAAAGTCC
 AGAGGGTGTAGTGGCTTCATCAGTTGTAGCAGGGGAATCCAGAAAACCTGAACCTCAAGGCTTGGCAGGG
 TATGGTACCATTTGTTTTGTGGGAACAAGGACAGCATCGCTAATGCCACTGTTCTTTTGGATTATCAC
 CTGAACTATTTAAGCTCCAACAGAGGAAGAGAGGGAGAGCTTCTGCGCAGAGGAGACGGACGGCGCGG
 TGGAGGGGAGGAAGAGGACAAGGAGGAAGAGGACGTGGAGGAGGCTTCAAAGGAAACGACGATCACTCC
 CGAACAGATAATCGTCCACGTAATCCAAGAGAGGCTAAAGGAAGAACAACAGATGGATCCCTTCAGATCA
 GAGTTGACTGCAATAATGAAAGGAGTGTCCACACTAAAACATTACAGAATACCTCCAGTGAAGGTAGTCG
 GCTGCGCACGGGTAAAGATCGTAACCAGAAGAAAGAGAAGCCAGACAGCGTGGATGGTCAGCAACCCTC
 G

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC231307 representing NM_001185075
 Red=Cloning site Green=Tags(s)

MEELVVEVRGNSGAFYKAFVKDVHEDSITVAFENNWQPDRQIPFHDVRFPPPVGYNKDINESDEVEVYSR
 ANEKEPCCWWLAKVRMIKGEFYVIEYAACDATYNEIVTIERLRVSNPNKPATKDTFHKIKLDVPEDLRQM
 CAKEAAHKDFKKAAGAFSVTYDPENYQLVILSINEVTSKRAHMLIDMHRSLRKLKSLIMRNEEASKQLE
 SSRQLASRFHEQFIVREDLMGLAIGTHGANIQARKVPGVTAIDLDEDTCTFHIYGEDQDAVKKARSFLE
 FAEDVIQVPRNLVGKVIKNGKLIQEIVDKSGVVRVRIEAENEKNVPQEEEIMPPNSLPSNNSRVGNAP
 EEKHLDIKENSTHFSQPNSTKVQRVLVASSVAGESQKPELKAQGMVFPVFGTKDSIANATVLLDYH
 LNYLKLQQRKRGRASCAEETDGGVEGEEEDKEEEDVEEASKETTITPEQIIVHVIQERLKEEQMDPFRS
 ELTAIMKGVSTLKHYRIPPVKVVGARVKIVTRRKRSTAWMVSNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001185075

ORF Size:	1611 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_001185075.1</u> , <u>NP_001172004.1</u>
RefSeq ORF:	1614 bp
Locus ID:	2332
UniProt ID:	<u>Q06787</u>
Cytogenetics:	Xq27.3
MW:	61.5 kDa