

Product datasheet for **RC221414A1V**

Human FNDC7 (NM_173532) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FNDC7 (NM_173532) AAV Particle
Tag:	Myc-DDK
Symbol:	FNDC7
Synonyms:	fibronectin type III domain containing 7; FLJ35838; FLJ35838, MGC163293, RP11-293A10.2; MGC163293; RP11-293A10.2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221414 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTTTGAGCGACTCTTCAGAGCTGACCTGCAGTACAACCTTTTCAGTTCCTGCACCATCTCTCCCTCC
 AGTGTGGAAGTGAATACTTGATTTTCAGTTTTAGCAAGTAAATGATGCTGGATCTAGCAAATCATCTTCAGC
 AATGACCTGAAAAGTGTGCTTGTGCACCCGGAAGAGTGACGATCCAAGAAGATCCCCCTGGCCACCTG
 TCTGTGGCTTGGTCCAGTGTAGATCTGGGTGACTACTATGTGGTCTTTGTGAAGAGTGATGATGGCTTGG
 AAGTACACTGCAACACATCTCTCACTCAGTGAACCTTCTATCTGAGTGTGGCTTCACTTATTTTATTAG
 TGTTTTGTCTATAACAAGGCAGGGCAAAGTCTTTGGGTGACATATTCAATTATACCACAGCTCCCTGT
 TGTCTAGTGACATTAACCCCGTGTGGTGTCCAGTGACAGAGTTGAGATTGTCTGGTCTCCTGTCCGTG
 TGCCGAAGTGTATGAAACCAAGGCTGTAGATGGTACAACATGGTTGAGTGAATGACACTACTCTGC
 GTGCACCTTTTCGGCTCTAGAGTGTGACACCAAGTACAACATCACAGTGTATTCATTCAATGAAGTCCGA
 GGCAGCAATATGTCATGTACTCCCAGTTCATAACCACAGCTCCTTGCAGTCTGAAATAAAAAATGTTT
 CAAGGGATGCATTCTCCATGATTAATGTGCACTGGCGATCCACTAATGATGATGCTACTTACACGGTGAC
 TGCCCAAGGGGAGAAAGGACTGTATCAGTGCAGCAGCACAGGAGAGTCCCTGCACCATGCGGGGCTTGCC
 TGTGGCTCAGTGTCTCTGTCACTGCTGTGGCCGAAACACAGGACAGGACGGCTGCCAGCTACAGTG
 TGCCCTGGAACAGTGCATGCTGTCCAACCGGTCTGACAGTAACTCAAATCACCCAGTCAAGTAAATCAA
 CGTGAGCTGGACTATTGGGAGAGTGGCTCAAACCCATGTTGCAGTCTGGAGTCAACACTGGACAGTCT
 AAGTGTACACTCATCAAACCACTGCCTCCTAGGGTGCATCACATGTGGCATCAATTACACAGTGCAT
 TAAAGTCAATTAGTGCCACCGGTTGACTGCAGATTGCCTCCTACCAAAGTTATTTCTCTGGTGCCTGCTG
 CCTTTGGGGGTGAAATTATATAGGCTGGGCCCTAATGGCATCCGGATCTACTGGCAAGCCTCCAGGGGC
 TCTGCCAATTACAGCACTGACCTCTATGGCTCCAAAGGCATTTTCACGTGCACCCCGAGTGTGGCTCA
 GTTTCTGTGATGTCACTGAGATACCCTGTGGGATGTATACACTGTGATGGTCTCACCAGTTGCTAAAAC
 AGGATTGAAGCTTACTTTCTGTCCAAAAAATATATTAGTAAGTCTGCTGGAAGTCACTTGGGAATG
 GTGATTTATAGAGGAAGAGAAATGAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221414 protein sequence
 Red=Cloning site Green=Tags(s)

MALSDSSELTCSTTFSSCTISSLQCGTEYLISVLASNDAGSSKSSSAMLKTVACAPGRVTIQEDPPGHL
 SVAWSSVDLGDYYVVFVKSDDGLVHCNTSLTQCNFLSECGFTYFISVIFYNKAGQSPLGDFINFTTAPC
 CPSDINPVLVSSDRVEIYWSPVRGAELYETKAVDGYNMVECNDTTPACTLSALECDTKYNIITVYSFNEVR
 GSNMCSCTPQFITTAPCSPEIKNVSRAFSMINVHWRSTNDDATYTVTAQGEKGLYQCSSTGESCTMRGLP
 CGSVFVSVAVAETQAGRSLPSYSVPLETVPCPTGLTVTQITQSVINVSWTIGRVAQTHVAVLESHTGQS
 KCHTHQNHCLLGCITCGINYTVTLKAI SATGLTADCSYQSYFSGACCPGLVKLYRLGPNGIRIYWQASRG
 SANYSTDLYSGKIFCTPSAGLSFCDVTEIPCGDVYTMVSPVAKTGLKLTFCPKKIYSVTCSGSTLGM
 VIYRGRNEE

TRTRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_173532

ORF Size:

1500 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_173532.1, NP_775803.1</u>
RefSeq Size:	2384 bp
RefSeq ORF:	1502 bp
Locus ID:	163479
Cytogenetics:	1p13.3
MW:	53.6 kDa