

Product datasheet for **RC209717A1V**

Human Frizzled 10 (FZD10) (NM_007197) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Frizzled 10 (FZD10) (NM_007197) AAV Particle
Tag:	Myc-DDK
Symbol:	FZD10
Synonyms:	CD350; FZ-10; Fz10; FzE7; hFz10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209717 representing NM_007197
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCAGCGCCCGGGCCCCCGCTGTGGCTGGTCTGCAGGTGATGGGCTCGTGCGCCGCCATCAGCTCCA
 TGGACATGGAGCGCCCGGGCGACGGCAAATGCCAGCCCATCGAGATCCCGATGTGCAAGGACATCGGCTA
 CAACATGACTCGTATGCCAACCTGATGGGCCACGAGAACCAGCGCGAGGCAGTCATCCAGTTGCACGAG
 TTCGCGCCGCTCGTGGAGTACGGCTGCCACGGCCACCTCCGCTTCTTCTGTGCTCGCTGTACGCGCCGA
 TGTGCACCGAGCAGGTCTCTACCCCATCCCGCTGCCGGTTCATGTGCGAGCAGGCCCGGCTCAAGTG
 CTCCCGATTATGGAGCAGTTCAACTTCAAGTGGCCCGACTCCCTGGACTGCCGAAACTCCCCAACAAG
 AACGACCCCAACTACCTGTGCATGGAGGCGCCCAACAACGGCTCGGACGAGCCACCCGGGGCTCGGGCC
 TGTTCCGCGCGCTGTTCCGGCCGACGCGCCCAACAGCGCGCAGGAGCACCCGCTGAAGGACGGGGGCC
 CGGGCGCGCGGCTGCGACAACCCGGGCAAGTTCCACCACGTGGAGAAGAGCGCGTCGTGCGCGCGCTC
 TGCACGCCCGGCTGGACGTGTACTGGAGCCGCGAGGACAAGCGCTTCGCAAGTGGTCTGGCTGGCCATCT
 GGGCGGTGCTGTGCTTCTTCTCCAGCGCTTACCGTGTCTACCTTCTCATCGACCCGGCCCGCTTCCG
 CTACCCCGAGCGCCCATCATCTTCTCTCATGTGCTACTGCGTCTACTCCGTGGGCTACCTCATCCGC
 CTCTTCGCGCGCGCCGAGAGCATCGCTGCGACCGGGACAGCGCCAGCTCTATGTATCCAGGAGGGAC
 TGGAGAGCACCGGCTGCACGCTGGTCTTCTGGTCTCTACTACTTCGGCATGGCCAGCTCGTGTGGTG
 GGTGGTCTCACGCTCACCTGGTTCCTGGCGCCGGCAAGAAGTGGGGCCACGAGGCCATCGAAGCCAAC
 AGCAGCTACTTCCACCTGGCAGCCTGGGCCATCCCGCGGTGAAGACCATCTGATCCTGGTTCATGCGCA
 GGTGGCGGGGACGAGCTCACCGGGTCTGCTACGTGGGACGATGGACGTCAACGCGCTCACCGGCTT
 CGTGCTCATTCCTGGCTGCTACCTGGTTCATCGGCACGTCTTCATCTCTCGGGCTTCGTGGCCCTG
 TTCCACATCCGAGGGTGATGAAGACGGCGCGGAGAACAACGACAAGCTGGAGAAGCTCATGGTGCCTA
 TCGGGCTCTTCTGTGCTGTACACCGTCCCGCCACCTGTGTGATCGCTGCTACTTTTACGAACGCT
 CAACATGGATTACTGGAAGATCTGGCGGCGCAGCACAAGTGCAAAATGAACAACCAGACTAAAACGCTG
 GACTGCCTGATGGCCGCTCCATCCCGCGCTGGAGATCTTATGGTGAAGATCTTTATGCTGCTGGTG
 TGGGGATCACCAGCGGATGTGGATTTGACCTCCAAGACTCTGCAGTCTGGCAGCAGGTGTGCAGCCG
 TAGGTTAAAGAAGAAGAGCCGGAGAAAACCGGCCAGCGTGATCACCAGCGGTGGGATTTACAAAAAGCC
 CAGCATCCCCAGAAAACCTACCACGGGAAATATGAGATCCCTGCCAGTCGCCACCTGCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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 Red=Cloning site Green=Tags(s)

MQRPGPRLWLVLQVMGSCAAISSMDMERPGDGKCQPIEIPMCKDIGYNMTRMPNLMGHENQREAVIQLHE
 FAPLVEYGGHGLRFFLCSLYAPMCTEQVSTPIACRVMEQARLKCSPIEQFNFKWPDSLDCRKLPNK
 NDPNYLCMEAPNNGSDEPTRGSLFPPLFRPQRPHSAQEHPLKDGGPGRGGCDNPGKFHHVEKSASCAPL
 CTPGVDVYWSREDKRFAYVWLAIWAVLCFFSSAFTVLTFLIDPARFRYPERPIIFLSMCYCVYSVGYLIR
 LFAGAESIACDRDSGQLYVIQEGLESTGCTLVFLVLYYFGMASSLWWVLTWFLAAGKKWGHEAIEAN
 SSYFHLLAAWAIPAVKTIILVMRRVAGDELTVGCYVGSMDVNALTGFVLIPLACYLVIGTSFILSGFVAL
 FHIRRMKTGGENTDKLEKLMVRIGLFSVLYTVPATCVIACYFYERLNMDYWKILAAQHKCKMNNQTKTL
 DCLMAASIPAVEIFMVKIFMLLVGITSGMWIWTSKTLQSWQVCSRRLLKKSSRRKPASVITSGGIYKKA
 QHPQKTHHGKYEIPAQSPTCV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_007197
ORF Size:	1743 bp
Buffer:	PBS with 0.001% Pluronic F6484
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_007197.2</u>
RefSeq Size:	3260 bp
RefSeq ORF:	1746 bp
Locus ID:	11211
UniProt ID:	<u>Q9ULW2</u>
Cytogenetics:	12q24.33
MW:	65.2 kDa