

Product datasheet for **RC220921A1V**

Human Frizzled 2 (FZD2) (NM_001466) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Frizzled 2 (FZD2) (NM_001466) AAV Particle
Tag:	Myc-DDK
Symbol:	Frizzled 2
Synonyms:	fz-2; Fz2; fzE2; hFz2; OMOD2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220921 representing NM_001466
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCGGCCCCGAGCGCCTGCCCGCCTGCTGCTGCCGCTGCTGCTGCTGCCCGCCCGGGCCGCCCC
 AGTTCCACGGGGAGAAGGGCATCTCCATCCCGACACGGCTTCTGCCAGCCCATCTCCATCCCGCTGTG
 CACGGACATCGCTACAACAGACCATCATGCCAACCTTCTGGGCCACACGAACAGGAGGACGCAGGC
 CTAGAGGTGCACCACTTCTATCCGCTGGTGAAGGTGCAGTGTGCGCCGAACGCGCTTCTCTGTGCT
 CCATGTACGACCCGTGTGCACCGTGTGGAACAGGCCATCCCGCGTGGCGCTCTATCTGTGAGCGCGC
 GCGCCAGGGTGCAGAGCCCTCATGAACAAGTTCGTTTTAGTGGCCGAGCGCTGCGCTGCGAGCAC
 TTCCCGCGCCACGGCGCCGAGCAGATCTGCGTCGGCCAGAACCACTCCGAGGACGGAGCTCCCGCGCTAC
 TCACCACCGCGCCGCGCGGGACTGCAGCCGGGTGCCGGGGACCCCGGGTGGCCCGGGCGGGCGG
 CGCTCCCCCGCTACGCCACGCTGGAGCACCCCTTCCACTGCCCGCGCTCCTCAAGGTGCCATCTAT
 CTCAGCTACAAGTTTCTGGGCGAGCGTGATTGTGCTGCGCCCTGCGAACCTGCGCGGCCGATGTTTCCA
 TGTTCTTCTCACAGGAGGAGACGCGTTTCGCGCGCTCTGGATCCTCACCTGGTGGTGTGTGTGCGC
 TTCCACCTTCTCACTGTCAACAGTACTTGGTAGACATGCAGCGCTTCCGCTACCCAGAGCGGCCATC
 ATTTTTCTGTCGGGTGCTACACCATGGTGTGGTGGCTACATCGCGGGCTTCGTGCTCCAGGAGCGCG
 TGGTGTGCAACGAGCGCTTCTCCGAGGACGGTACCGCACGGTGGTGCAGGGACCAAGAAGGAGGGCTG
 CACCATCTCTCATGATGCTCTACTTCTCAGCATGGCCAGCTCCATCTGGTGGGTATCCTGTGCTC
 ACCTGGTTCCTGGCAGCCGGCATGAAGTGGGGCCACGAGGCCATCGAGGCCAACTCTCAGTACTTCCACC
 TGGCCGCTGGCCGTGCCGGCGTCAAGACCATCACCATCTGGCCATGGGCCAGATCGACGGCGACCT
 GCTGAGCGCGGTGTGCTTCGTAGGCTCAACAGCCTGGACCCGCTGCGGGGCTTCGTGCTAGCGCCGCTC
 TTCGTGTACCTGTTTCATCGGCACGTCTTCTCTGCGCGCTTCGTGTGCTCTTCCGATCCGCACCA
 TCATGAAGCACGACGGCACCAAGACCGAAAAGCTGGAGCGGCTCATGGTGCATCGCGCTTCTTCCGT
 GCTCTACACAGTCCCGCCACCATCGTCATCGTTGCTACTTCTACGAGCAGGCTTCCGCGAGCACTGG
 GAGCGCTCGTGGGTGAGCCAGCACTGCAAGAGCCTGGCCATCCCGTCCCGGCGCACTACACGCCGCGCA
 TGTGCGCCGACTTACGGTCTACATGATCAATACCTCATGACGCTCATCGTGGGCATCAGTCGGGCTT
 CTGGATCTGGTCGGGCAAGACGCTGCACTCGTGGAGGAAGTTCTACACTCGCTCACCAACAGCCGACAC
 GGTGAGACCACCGT

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220921 representing NM_001466
 Red=Cloning site Green=Tags(s)

MRPRSALPRLPLLLLPAAGPAQFHGEKGISIPDHGFCQPIISIPLCDIAYNQTIMPNLLGHTNQEDAG
 LEVHQFYPLVKVQCSPFLRFLCSMYAPVCTVLEQAIPPCRSICERARQCEALMNKFGQWPERLRCEH
 FPRHGAQICVGNHSEDGAPALLTTAPPPGLQPGAGGTPGGPGGGAPPRYATLEHPFHCPRLVKVPSY
 LSYKFLGERDCAAPCEPARPDGSMFFSQEETRFARLWILTWSVLCCASTFFTVTTLVDMQRFYPERPI
 IFLSGCYTMVSVAIYAGFVLQERVVCNERFSEDGYRTVVQGTKEGCTILFMMLYFFSMASIIWWVILSL
 TWFLAAGMKWGHEAIEANSQYFHLAAWAVPAVKITITILAMQIDGDLISGVCVGLNSLDPLRGFVLAPL
 FVYLFIGTSFLLAGFVSLFIRITIMKHDGKTEKLERLMVRIGVFSVLVYTPATIVIACYFYEQAFREHW
 ERSWVSQHCKSLAIPCAHYTPRMSPDFTVYMIKYLMTLIVGITSGFVIWSGKTLHSWRKFYTRLTNSRH
 GETTV

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001466
ORF Size:	1695 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_001466.2</u>
RefSeq Size:	1983 bp
RefSeq ORF:	1698 bp
Locus ID:	2535
UniProt ID:	<u>Q14332</u>
Cytogenetics:	17q21.31
MW:	63.4 kDa