

Product datasheet for **RC217286A1V**

Human Frizzled 4 (FZD4) (NM_012193) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Frizzled 4 (FZD4) (NM_012193) AAV Particle
Tag:	Myc-DDK
Symbol:	Frizzled 4
Synonyms:	CD344; EVR1; FEVR; Fz-4; Fz4; FZD4S; FzE4; GPCR; hFz4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217286 representing NM_012193
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTGGCGGGCGCAGGGCCGAGCGTCCCGGGGGCGCCGGGGCGTCCGGTCTCAGTCTGGGGTTGC
 TCCTGCAGTTGCTGCTCCTGGGGCCGGCGGGGGCTTCGGGGACGAGGAAGAGCGCGCTGCGACCC
 CATCCGCATCTCCATGTGCCAGAACCTCGGCTACAACGTGACCAAGATGCCAACCTGGTTGGGCACGAG
 CTGCAGACGGACGCCGAGCTGCAGCTGACAACCTTACACCGCTCATCCAGTACGGCTGCTCCAGCCAGC
 TGCAGTTCTTCTTTGTTCTGTTATGTGCCAATGTGCACAGAGAAGTCAACATCCCCATTGGCCCATG
 CGGCGGCATGTGCTTTTCAGTCAAGAGACGCTGTGAACCCGCTCCTGAAGGAATTTGGATTTGCCTGGCCA
 GAGAGTCTGAAGTGCAGCAAATCCCACCACAGAACGACCACAACCACATGTGCATGGAAGGGCCAGGTG
 ATGAAGAGGTGCCCTTACCTCACAAAACCCCATCCAGCCTGGGAAGAGTGTCACTCTGTGGAAACCAA
 TTCTGATCAGTACATCTGGGTGAAAAGGAGCCTGAACTGTGTGCTCAAGTGTGGCTATGATGCTGGCTTA
 TACAGCCGCTCAGCCAAGGAGTTCAGTATATCTGGATGGCTGTGTGGCCAGCCTGTGTTTCATCTCCA
 CTGCCTTCACAGTACTGACCTTCTGATCGATTCTTCTAGGTTTTCTACCCTGAGCGCCCCATCATATT
 TCTCAGTATGTCTATAATTTATAGCATTGCTTATATTGTCAGGCTGACTGTAGGCCGGGAAAGGATA
 TCCTGTGATTTGAAGAGGCAGCAGAACCTGTTCTCATCCAAGAAGGACTTAAGAACACAGGATGTGCAA
 TAATTTCTTGCTGATGTACTTTTTTGGAAATGGCCAGCTCCATTTGGTGGTTATTCTGACACTCACTTG
 GTTTTTGGCAGCAGGACTCAAATGGGGTTCATGAAGCCATTGAAATGCACAGCTCTATTTCCACATTGCA
 GCCTGGCCATCCCCGAGTAAAACCATGTCATCTTGATTATGAGACTGGTGGATGCAGATGAACTGA
 CTGGCTGTGCTATGTTGAAACCAAATCTCGATGCCCTCACCAGGTTTCGTGGTGGCTCCCCTCTTTAC
 TTATTTGGTCATTGGAACCTTTGTTTCATTGCTCAGGTTTGGTGGCCTTGTCAAATTCGGTCAAATCTT
 CAAAAGGATGGGACAAAGACAGACAAGTTAGAAAGACTGATGGTCAAGATTGGGGTGTCTCAGTACTGT
 ACACAGTTCCTGCAACGTGTGTGATTGCCTGTTATTTTATGAAATCTCCAAGTGGGCACTTTTTCGGTA
 TTCTGCAGATGATCCAACATGGCTGTTGAAATGTTGAAAATTTTATGCTTTTGGTGGGCATCACT
 TCAGGCATGTGGATTTGGTCTGCCAAAACCTCTCACACGTGGCAGAAAGTTCCAACAGATTGGTGAATT
 CTGAAAGGTAAGAGAGAGAAGAGAGGAAATGGTTGGTGAAGCCTGGAAAAGGCAGTGAAGTGTGGT
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAWRGAGPSVPGAPGGVGLSLGLLLQLLLLLGPARGFGDEEERRCDPIRISMCQNLGYNVTKMPNLVGH
 LQTDALQLTTFPLIQYGCSSQLQFFLCSVYVPMCTEKINIPIGPCGMCLSVKRRCEPVLKEFGFAWP
 ESLNCSKFPPQNDHNHMCMEGPGDEEVPLPHKTPIQPGECHSVGTNSDQYIWKRSNLNVLKCGYDAGL
 YRSRKEFTDIWMAVWASLCFISTAFTVLTFLIDSSRFYPERPIIFLSMCYNIYSIAYIVRLTVGRERI
 SCDFEEAAEPVLIQEGLKNTGCAIIFLLMYFFGMASSIWWILTLTWFLAAGLKWGHEAIEMHSSYFHIA
 AWAIPAVKTIVILIMRLVDADELGLCYVGNQNLDALTGFVVAPLFTYLVIKTLFIAAGLVALFKIRSNL
 QKDGTKTDKLERLMVKIGVFSVLYTVPATCVIACYFYEISNWFVRYSDDSNMAVEMLIKIFMSLLVGIT
 SGMWISAKTLHTWQKCSNRLVNSGKVKREKRGNGWVKPGKSETVV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_012193

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_012193.2</u>
RefSeq Size:	7394 bp
RefSeq ORF:	1614 bp
Locus ID:	8322
UniProt ID:	<u>Q9ULV1</u>
Cytogenetics:	11q14.2
MW:	60.3 kDa