

Product datasheet for **RC216428A1V**

Human FGFR3 (NM_022965) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FGFR3 (NM_022965) AAV Particle
Tag:	Myc-DDK
Symbol:	FGFR3
Synonyms:	ACH; CD333; CEK2; HSGFR3EX; JTK4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216428 representing NM_022965
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCGCCCCTGCCTGCGCCCTCGCGCTCTGCGTGCCGTGGCCATCGTGCCGCGCCCTCCTCGGAGT
 CCTTGGGGACGGAGCAGCGCGTCGTGGGGCGAGCGGCAGAAAGTCCCGGGCCAGAGCCCGCCAGCAGGA
 GCAGTTGGTCTTCGGCAGCGGGGATGCTGTGGAGCTGAGCTGTCCCCCGCCCGGGGTGGTCCCATGGGG
 CCCACTGTCTGGGTCAAGGATGGCACAGGGCTGGTGCCCTCGGAGCGTGTCTGGTGGGGCCCCAGCGGC
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 ACTGTGCCACTTCAGTGTGCGGGTGACAGACGCTCCATCCTCGGGAGATGACGAAGACGGGGAGGACGAG
 GCTGAGGACACAGGTGTGGACACAGGGGCCCTTACTGGACACGGCCGAGCGGATGGACAAGAAGCTGC
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 CGGGGCATGGAGTACTTGGCCTCCCAGAAGTGCATCCACAGGGACCTGGCTGCCCGCAATGTGCTGGTGA
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 GAAGACAACCAACGGCCGGCTGCCCGTGAAGTGGATGGCGCCTGAGGCCTTGTGACCGAGTCTACACT
 CACCAGAGTGACGTCTGGTCCTTGGGGTCTGCTCTGGGAGATCTTACGCTGGGGGGCTCCCCGTACC
 CCGGCATCCCTGTGGAGGAGCTTCAAGCTGCTGAAGGAGGGCCACCGCATGGACAAGCCCGCCAACTG
 CACACACGACCTGTACATGATCATGCGGGAGTGTGGCATGCCGCGCCCTCCCAGAGGCCACCTTCAAG
 CAGCTGGTGGAGGACCTGGACCGTGTCTTACCGTGACGTCCACCGACGAGTACCTGGACCTGTCCGGCGC
 CTTTCGAGCAGTACTCCCGGGTGGCCAGGACACCCCAAGCTCCAGCTCCTCAGGGGACGACTCCGTGTT
 TGCCACGACCTGCTGCCCCCGGCCCAACCCAGCAGTGGGGGCTCGCGGACG

AC**CGGGCCG**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216428 representing NM_022965 Red=Cloning site Green=Tags(s) MGAPACALALCVAVAIVAGASSES LGTEQRVVGRAAEVP GPEPGQEQ LVFGSGDAVELSCPPPGGGPMG PTVWVKDGTGLVPSERVLVGPQRLQVLNASHEDSGAYSCRQRLTQRVLCHF SVRVTDAPSSGDDDEGEDE AEDTGVDTGAPYWTRPERMDKKLLAVPAANTVRFRCPAAGNPTPSISWLKNGREFRGEHRIGGIKLRHQQ WSLVMESVVP SDRGN YTCVVENKFGSIRQTYTLDV LERSPHRPILQAGLPANQTAVLGSDVEFHCKVYSD AQPHIQWLKHVEVNGSKVGP DGT PYVTVLKVSLESNASMSNTPLVRIARLSSGEGPTLANVSELELPAD PKWELSRARLTGKPLGEGCFGQVMAEAIGIDKDRAAKPVTVAVKMLKDDATDKDLSDLVSEMEMMKMI GKHKNIINLLGACTQGGPLYVLVEYAAKGNLREFLRARRPPGLDYSFDTCKPPEEQ LTFKDLVSCAYQVA RGMEYLASQKCIHRDLAARNVLVTEDNVMKIADFG LARDVHNL DYYKKTNGRLPVKWM APEALFDRVYT HQSDVWSFGVLLWEIFTLGGSPYPGIPVEELFKLLKEGHRMDKPANCTHDL YMIMRECWHAAPSQRPTFK QLVEDLDRVLTVTSTDEYLDLSAPFEQYSPGGQDTPSSSSSGDDSVFAHDLLPPAPPSSGGSR T TRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022965
ORF Size:	2082 bp
Buffer:	PBS with 0.001% Pluronic F7535
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_022965.1, NP_075254.1</u>
RefSeq Size:	3757 bp
RefSeq ORF:	2085 bp
Locus ID:	2261
UniProt ID:	<u>P22607</u>
Cytogenetics:	4p16.3
MW:	73.7 kDa