

Product datasheet for **RC600023A1V**

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; HSFGR3EX; JTK4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC600023 representing leader sequence plus the extracellular domain region of NM_022965 Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCGCGAATTCGTGCTGCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGGGCGCCCCTGCCTGCGCCCTCGCGCTCTGCGTGGCCGTGGCCATCGTGGCCGGCGCCTCCTCGGAGT
CCTTGGGACGGAGCAGCGCTCGTGGGCGAGCGGCAGAAATCCCGGGCCAGAGCCGGCCAGCAGGA
GCAGTTGGTCTTCGGCAGCGGGATGCTGTGGAGCTGAGCTGTCCCCCGCCGGGGTGGTCCCATGGGG
CCCACTGTCTGGGTCAAGGATGGCAGAGGCTGGTGGCTCGGAGCGTGTCTGGTGGGGCCCGAGCGGC
TGCAGGTGCTGAATGCCTCCACGAGGACTCCGGGGCCTACAGCTGCCGCGAGCGGCTCACGCGAGCGCT
ACTGTGCCACTTCAGTGTGCGGGTGACAGACGCTCCATCCTCGGAGATGACGAAGACGGGGAGGACGAG
GCTGAGGACACAGGTGTGGACACAGGGGCCCTTACTGGACACGGCCGAGCGGATGGACAAGAAGCTGC
TGGCCGTGCCGCGCCAACACCGTCCGCTTCCGCTGCCAGCCGCTGGCAACCCCACTCCCTCCATCTC
CTGGCTGAAGAACGGCAGGGAGTTCCGCGCGAGCACCATTGGAGGCATCAAGCTGCGGCATCAGCAG
TGGAGCCTGGTCATGGAAGCGTGGTGGCTCGGACCGCGCACTACACCTGCGTCTGGAGAACAAGT
TTGGCAGCATCCGGCAGACGTACACGCTGGACGTGCTGGAGCGCTCCCGCACCAGGCCATCCTGCAGGC
GGGGCTGCCGCGCAACCAGAGCGCGGTGCTGGCAGCGACGTGGAGTTCCACTGCAAGGTGTACAGTGAC
GCACAGCCCCACATCCAGTGGCTCAAGCACGTGGAGGTGAATGGCAGCAAGGTGGGCCCGGACGGCACAC
CCTACGTTACCGTGCTCAAG

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTCGACTCTAGA



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Protein Sequence:	>RC600023 representing signal peptide plus the extracellular domain region of NM_022965 Red=Cloning sites Green= DDK and 6XHIS Tags MGAPACALALCVAVAIVAGASSES LGTEQRVVGRAAEVPGPEPGQEQLVFGSGDAVELSCPPPGGGPMG PTVWVKDGTGLVPSERVLVGPQRLQVLNASHEDSGAYSCRQRLTQRVLCHF SVRVTDAPSSGDDEDEGEDE AEDTGVDTGAPYWTRPERMDKKLLAVPAANTVRFRCPAAGNPTPSISWLKNGREFRGEHRIGGIKLRHQQ WSLVMESVVPSPDRGNYTCVVENKFGSIRQTYTLDVLESPHRPILQAGLPANQTAVLGSDVEFHCKVYSD AQPHIQWLKHVEVNGSKVGPDPYVTVLK TRSGTRSGDYKDDDDKGSHHHHHH
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022965
ORF Size:	1790 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_022965.3, NP_075254.1</u>
RefSeq Size:	3968 bp
RefSeq ORF:	2085 bp
Locus ID:	2261
UniProt ID:	<u>P22607</u>
Cytogenetics:	4p16.3
MW:	33.3 kDa