

Product datasheet for **RC600024A1V**

Human FGFR3 (NM_001163213) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FGFR3 (NM_001163213) 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:	>RC600024 representing leader sequence plus the extracellular domain region of NM_001163213 Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCGCGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGGGCGCCCCTGCCTGCGCCCTCGCGCTCTGCGTGGCCGTGGCCATCGTGGCCGGCGCCTCCTCGGAGT
CCTTGGGGACGGAGCAGCGCGTCTGTTGGGCGAGCGGCAGAAAGTCCCGGGCCAGAGCCCGCCAGCAGGA
GCAGTTGGTCTTCGGCAGCGGGGATGCTGTGGAGCTGAGCTGTCCCCGCCCGGGGTGGTCCCATGGGG
CCCACTGTCTGGTCAAGGATGGCAGGGCTGGTCCCTCGGAGCGTGTCTGGTGGGGCCCGAGCGGC
TGCAGGTGCTGAATGCCTCCACGAGGACTCCGGGGCCTACAGCTGCCGCGAGCGGCTCACGCGAGCGCGT
ACTGTGCCACTTCAGTGTGCGGGTGACAGACGCTCCATCCTCGGGAGATGACGAAGACGGGGAGGACGAG
GCTGAGGACACAGGTGTGGACACAGGGGCCCTTACTGGACACGGCCCGAGCGGATGGACAAGAAGCTGC
TGGCCGTGCCGCGCCAAACACCGTCCGCTTCCGCTGCCAGCCGCTGGCAACCCCACTCCCTCCATCTC
CTGGCTGAAGAACGGCAGGGAGTTCCGCGCGAGCACCGCATTGGAGGCATCAAGCTGCGGCATCAGCAG
TGGAGCCTGGTCATGAAAGCGTGGTGGCTCGGACCGCGCACTACACCTGCGTCTGGAGAACAAGT
TTGGCAGCATCCGGCAGACGTACACGCTGGACGTGCTGGAGCGCTCCCGCACCGGCCCATCCTGCAGGC
GGGGCTGCCGGCAACCAGACGGCGGTGCTGGCAGCGACGTGGAGTTCCACTGCAAGGTGTACAGTGAC
GCACAGCCCCACATCCAGTGGCTCAAGCACGTGGAGGTGAATGGCAGCAAGGTGGGCCCGGACGGCACAC
CCTACGTTACCGTGCTCAAGTCTGGATCAGTGAGAGTGTGGAGGCCGACGTGCGCCTCCGCCTGGCCAA
TGTGTGCGAGCGGGACGGGGGCGAGTACCTCTGTGAGCCACCAATTTATAGGCGTGGCCGAGAAGGCC
TTTTGGCTGAGCGTTACGGGCCCCGAGCAGCCGAGGAGGAGCTGGTGGAGGCTGACGAGGCGGGCAGTG
TGTATGCAGGC

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTGACTCTAGA



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Protein Sequence:	>RC600024 representing signal peptide plus the extracellular domain region of NM_001163213 Red=Cloning sites Green= DDK and 6XHIS Tags MGAPACALALCVAVAIVAGASSES LGTEQRVVGRAAEVPGPEPGQEQLVFGSGDAVELSCPPPGGGPMG PTVWVKDGTGLVPSERVLVGPQRLQVLNASHEDSGAYSCRQRLTQRVLCHF SVRVTDAPSSGDDEDEGEDE AEDTGVDTGAPYWTRPERMDKKLLAVPAANTVRFRCPAAGNPTPSISWLKNGREFRGEHRIGGIKLRHQQ WSLVMESVVPSDRGNYTCVVENKFGSIRQTYTLDVLESPHRPILQAGLPANQTAVLGSDVEFHCKVYSD AQPHIQWLKHVEVNGSKVGPDGTPTYVTVLKSWISESVEADVRLRLANVSERDGGGEYLCRATNFIGVAEKA FWLSVHGPRAAEEELVEADEAGSVYAG TRSGTRSGDYKDDDDKGSHHHHHH
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001163213
ORF Size:	2192 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_001163213.1</u> , <u>NP_001156685.1</u>
RefSeq Size:	4310 bp
RefSeq ORF:	2427 bp
Locus ID:	2261
UniProt ID:	<u>P22607</u>
Cytogenetics:	4p16.3
MW:	40.5 kDa