

Product datasheet for **RC600028A1V**

Human FLT4 (NM_182925) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FLT4 (NM_182925) AAV Particle
Tag:	Myc-DDK
Symbol:	FLT4
Synonyms:	CHTD7; FLT-4; FLT41; LMPH1A; LMPHM1; PCL; VEGFR-3; VEGFR3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC600028 representing leader sequence plus the extracellular domain region of NM_182925

Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGCGAATTTCGTGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGCAGCGGGGCGCCGCTGTGCCTGCGACTGTGGCTCTGCCTGGGACTCCTGGACGGCCTGGTGAAGT
GCTACTCCATGACCCCCCGACCTTGAACATCACGGAGGAGTCACACGTCATCGACACCGGTGACAGCCT
GTCCATCTCCTGCAGGGGACAGCACCCCTCGAGTGGGCTTGGCCAGGAGCTCAGGAGGCGCCAGCCACC
GGAGACAAGGACAGCGAGGACACGGGGGTGGTGCAGACTGCGAGGGCACAGACGCCAGGCCCTACTGCA
AGGTGTTGCTGCTGCACGAGGTACATGCCAACGACACAGGCAGCTACGTCTGCTACTACAAGTACATCAA
GGCAGCGATCGAGGGACACAGGCCGCCAGCTCCTACGTGTTCTGTGAGAGACTTTGAGCAGCCATTATC
AACAAGCTGACACGCTCTTGGTCAACAGGAAGGACGCCATGTGGGTGCCCTGTCTGGTGTCCATCCCCG
GCCTCAATGTCACGCTCGCTCGCAAAGCTCGGTGCTGTGGCCAGACGGGAGGAGGTGGTGTGGGATGA
CCGGCGGGGCGATGCTCGTGTCCACGCCACTGCTGCACGATGCCCTGTACCTGCAGTGCAGAGACCCTGG
GGAGACCAGGACTTCCTTTCCAACCCCTTCTGGTGCACATCACAGGCAACGAGCTCTATGACATCCAGC
TGTTGCCAGGAAGTCGCTGGAGCTGCTGGTAGGGGAGAAGCTGGTCTGAACTGCACCGTGTGGGCTGA
GTTTAACTCAGGTGTACCTTTGACTGGGACTACCCAGGGAAGCAGGCAGAGCGGGGTAAGTGGGTGCC
GAGCGACGCTCCAGCAGACCCACAGAACTCTCCAGCATCCTGACCATCCACAACGTGAGCCAGCAGC
ACCTGGGCTCGTATGTGTGAAGGCCAACACGGCATCCAGCGATTTCCGGAGAGCACCAGGTCATTGT
GCATGAAAATCCCTTCATCAGCGTCGAGTGGCTCAAAGGACCCATCCTGGAGGCCACGGCAGGAGACGAG
CTGGTGAAGCTGCCGTGAAGCTGGCAGCGTACCCCCCGCCGAGTTCAGTGGTACAAGGATGGAAAGG
CACTGTCCGGGCGCCACAGTCCACATGCCCTGGTGTCAAGGAGGTGACAGAGGCCAGCACAGGCACCTA
CACCTCGCCCTGTGGAACCTCCGCTGCTGGCCTGAGGCGCAACATCAGCCTGGAGCTGGTGGTGAATGTG
CCCCCCCAGATACATGAGAAGGAGGCTCCTCCCCAGCATCTACTCGCGTCACAGCCGCCAGGCCCTCA
CCTGCACGGCCTACGGGGTGGCCCTGCCTCTCAGCATCCAGTGGCACTGGCGGCCCTGGACACCTGCAA
GATGTTTGGCCAGCGTAGTCTCCGGCGGCGGCAGCAGCAAGACCTCATGCCACAGTGGCGTACTGGAGG
GCGGTGACCACGAGGATGCCGTGAACCCCATCGAGAGCCTGGACACCTGGACCGAGTTTGTGGAGGGAA
AGAATAAGACTGTGAGCAAGCTGGTGTATCCAGAATGCCAACGTGTCTGCCATGTACAAGTGTGTGGTCTC
CAACAAGGTGGGCCAGGATGAGCGGCTCATCTACTTCTATGTGACCACCATCCCCGACGCTTCACCATC
GAATCCAAGCCATCCGAGGAGCTACTAGAGGGCCAGCCGGTGTCTGAGCTGCCAAGCCGACAGCTACA
AGTACGAGCATCTGCGCTGGTACCGCCTCAACCTGTCCACGCTGCACGATGCGCACGGGAACCCGCTTCT
GCTCGACTGCAAGAACGTGCATCTGTTCCGCCACCCCTCTGGCCGCCAGCCTGGAGGAGGTGGCACCTGGG
GCGCGCCACGCCACGCTCAGCCTGAGTATCCCCCGCGTCGCGCCGAGCAGGAGGCCACTATGTGTGCG
AAGTGAAGACCGGCGCAGCCATGACAAGCACTGCCACAAGAAGTACCTGTGGTGCAGGCCCTGGAAGC
CCCTCGGCTCACGCAGAACTTGACCGACCTCCTGGTGAACGTGAGCGACTCGTGGAGATGCAGTGCTTG
GTGGCCGAGCGCACGCGCCAGCATCGTGTGGTACAAAGACGAGAGGCTGCTGGAGGAAAAGTCTGGAG
TCGACTTGGCGGACTCCAACCAGAAGCTGAGCATCCAGCGCGTGCAGGAGGATGCGGAGCGCTATCT
GTGCAGCGTGTGCAACGCCAAGGGCTGCGTCAACTCCTCGCCAGCGTGGCCGTGGAAGGCTCCGAGGAT
AAGGGCAGCATGGAG

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTGACTCTAGA

Protein Sequence:	>RC600028 representing signal peptide plus the extracellular domain region of NM_182925 Red=Cloning sites Green= DDK and 6XHIS Tags MQRGAALCLRLWLCGLLDGLVSGYSMTPTLNITEESHVIDTGDSLISISCRGQHLEWAWPGAQEAPAT GDKDSEDTGVVRDCEGTDARPYCKVLLLEHVHANDTGSYVCYYKIKARIEGTTAASSYVFVRDFEQPFI NKPDTLLVNRKAMWVPCLVSIPLNLTLSQSSVLWPDGQEVVWDDRRGMLVSTPLLHDALYLQCETTW GDQDFLSNPFLVHITGNELYDIQLLPRKSLELLVGEKLVNCTVWAEFNSGVTFDWDYPGKQAERGKWVP ERRSQQTHTELSSILTIHNVSQHDLSYVCKANNGIQRFRESTEIVHENPFISVEWLKGPILEATAGDE LVKLPVKLAAYPPPEFQWKDGKALSGRHSPhALVLKEVTEASTGTyTLALWNSAAGLRRNISLELVNV PPQIHEKEASSPSIYSRHSRQALTCTAYGVPLPLSIQWHWRPWPCKMFAQSRSLRRRQQQLMPQCRDWR AVTTQDAVNPIESLDTWTEFVEGKNKTVSKLVIQANVSAMYKCVVSNKVGQDERLIYFYVTTIPDGFTI ESKPSEELLEGPVLLSCQADSYKYEHLRWYRLNLSTLHDAHGNPLLLDCKNVHLFATPLAASLEEVAPG ARHATLSLSIPRVAPEHEGHYCEVQDRRSHDKHCHKKYL SVQALEAPRLTQNL TDLL VNVSDSLEMQL VAGAHAPSIVWYKDERLLEEKSGVDLADSNQKLSIQRVREEDAGRYLCSVCNAKGCVNSSASVAVEGSED KGSME TRSGTRSGDYKDDDDKGSHHHHHH
Species:	Human
Serotype:	AAV-2
ACCN:	NM_182925
ORF Size:	2325 bp
Buffer:	PBS with 0.001% Pluronic F11414
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:	NM_182925.4 , NP_891555.2
RefSeq Size:	5857 bp
RefSeq ORF:	4092 bp
Locus ID:	2324
UniProt ID:	P35916
Cytogenetics:	5q35.3
MW:	87 kDa