

Product datasheet for **RC224389A1V**

Human VEGFA (NM_001025369) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	VEGFA
Synonyms:	MVCDI; VEGF; VPF
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224389 representing NM_001025369 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

CTGACGGACAGACAGACAGACACCGCCCCAGCCCCAGCTACACCTCCTCCCCGGCCGGCGGGACAG
TGGACCGCGCGGCGAGCCGCGGGCAGGGCCGGAGCCCGCCCGAGGCGGGTGGAGGGGTGCGGGC
TCGCGCGCTCGCACTGAACTTTTCGTCCAATTCTGGGCTGTTCTCGCTTCGGAGGAGCCGTGGTCCGC
GCGGGGGAAGCCGAGCCGAGCGGAGCCGCGAGAAGTGCTAGCTCGGGCCGGGAGGAGCCGACCCGGAGG
AGGGGAGGAGGAAGAAGAGAAGGAAGAGGAGAGGGGGCCGAGTGGCGACTCGGCGCTCGGAAGCCGGG
CTCATGGACGGGTGAGGCGCGGTGTGCGCAGACAGTGCTCCAGCCGCGCGCTCCCCAGGCCCTGGCC
CGGGCCTCGGGCCGGGAGGAAGAGTAGCTCGCCGAGGCGCCGAGGAGAGCGGGCCGCCACAGCCCCGA
GCCGGAGAGGGAGCGCAGCCGCGCCGGCCCGGTGCGGCCTCCGAAACCATGAATTTCTGCTGTCTTG
GGTGCAATTGGAGCCTTGCTTGTCTCTACCTCCACCATGCCAAGTGGTCCAGGCTGCACCCATGGCA
GAAGGAGGAGGGCAGAATCATCACGAAGTGGTGAAGTTCATGGATGTCTATCAGCGCAGCTACTGCCATC
CAATCGAGACCCTGGTGGACATCTCCAGGAGTACCCTGATGAGATCGAGTACATCTTCAAGCCATCCTG
TGTGCCCTGATGCGATGCGGGGGCTGCTGCAATGACGAGGGCCTGGAGTGTGTGCCCACTGAGGAGTCC
AACATCACCATGCAGATTATGCGGATCAAACTCACCAAGGCCAGCACATAGGAGAGATGAGCTTCTAC
AGCACAACAATGTGAATGCAGACCAAGAAAGATAGAGCAAGACAAGAAAATCCCTGTGGCCTTGCTC
AGAGCGGAGAAAGCATTTGTTTGTACAAGATCCGCAGACGTGTAATGTTCTGCAAAAACACAGACTCG
CGTTGCAAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC224389 representing NM_001025369 Red=Cloning site Green=Tags(s) LTDRQTDTPSPSYHLLPGRRTVDAAASRGQGPEPAPGGGVEGVGARGVALKLFVQLLGCSRFGGAVVR AGEAEPSGAARSASSGREEPQPEEGEEEEEEKEEERGPGWRLGARKPGSWTGEAAVCADSAPAARAPQALA RASGRGGRVARRGAEESGPPHSPSRRGSASRAGPGRASETMNLLSWVHWSLALLLYLHHAKWSQAAPMA EGGGQNHHEVVKFMDEVYQSYCHPIETLVDFIQEYPDEIEYIFKPSCVPLMRCGGCCNDEGLECVPTES NITMQIMRIKPHQGQIHGEMSFLLQHNKCECRPKKDRARQENPCGPCSERRKHLFVQDPQTCKCSCKNTDS RCKM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001025369
ORF Size:	1062 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_001025369.1</u>
RefSeq Size:	3507 bp
RefSeq ORF:	1065 bp
Locus ID:	7422
UniProt ID:	<u>P15692</u>
Cytogenetics:	6p21.1
MW:	38.5 kDa