

Product datasheet for **RC222129A1V**

Human VEGFA (NM_001025370) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human VEGFA (NM_001025370) AAV Particle
Tag: Myc-DDK
Symbol: VEGFA
Synonyms: MVCD1; VEGF; VPF
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC222129 representing NM_001025370
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGACGGACAGACAGACAGACACCGCCCCAGCCCCAGCTACCACCTCTCCCCGGCCGGCGGGACAG
 TGGACGCGGGCGGAGCCGCGGGCAGGGGCCGGAGCCCGCCGGAGGGTGGAGGGGTTCGGGGC
 TCGGGCGTCGCACTGAACTTTTCGTCCAATTCTGGGCTGTTCTCGCTTCGGAGGAGCCGTGGTCCG
 GCGGGGAAGCCGAGCCGAGCGGAGCCGCGAGAAGTGTAGCTCGGGCCGGAGGAGCCGAGCCGGAGG
 AGGGGAGGAGGAAGAAGAGAAGGAAGGAGGAGGGGGCCGAGTGGCGACTCGGCGCTCGGAAGCCGGG
 CTGATGGACGGGTGAGGCGCGGTGTGCGCAGACAGTGTCCAGCCGCGCGCTCCCCAGGCCCTGGCC
 CGGGCCTCGGGCCGGGAGGAAGAGTAGCTCGCCGAGGCGCCGAGGAGAGCGGGCCGCCACAGCCGA
 GCCGGAGAGGGAGCGGAGCCGCGCCGGCCCGGTTCGGGCTCCGAAACCATGAACTTTCTGCTGCTTG
 GGTGCATTGGAGCCTTGCTGCTGCTACCTCCACCATGCCAAGTGGTCCCAGGCTGCACCCATGGCA
 GAAGGAGGAGGGCAGAATCATCACGAAGTGGTGAAGTTCATGGATGTCTATCAGCGCAGCTACTGCCATC
 CAATCGAGACCCTGGTGGACATCTCCAGGAGTACCCTGATGAGATCGAGTACATCTTCAAGCCATCCTG
 TGTGCCCTGATGCGATGCGGGGCTGCTGCAATGACGAGGGCCTGGAGTGTGTGCCACTGAGGAGTCC
 AACATCACCATGCAGATTATGCGGATCAAACCTCACCAGGCCAGCACATAGGAGAGATGAGCTTCTAC
 AGCACAACAAATGTGAATGCAGACCAAAGAAAGATAGAGCAAGACAAGAAAAATGTGACAAGCCGAGGCC
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence:	<p>>RC222129 representing NM_001025370 Red=Cloning site Green=Tags(s)</p> <p>MTDRQTD TAPSPSYHLLPGRRTVDAAASRGQGPEPAPGGGVEGVGARGVALKLFVQLLGCSRFGGAVVR AGEAEP SGAARSASSGREEPQPEEEEEEEKEEERGPQWRLGARKPGSWTGEAAVCADSAPAARAPQALA RASGRGGRVARRGAEESGPPHSPRRGSASRAGPGRASETMNFLLSWVHWSLALLLYLHHAKWSQAAPMA EGGGQNHHEVVKFMDVYQRSYCHPIETLVDIFQEYPTDEIEYIFKPSCVPLMRCGGCCNDEGLECVPTES NITMQIMRIKPHQGQHI GEMSF LQH NKCECRPKKDRARQEKCDKPRR</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001025370
ORF Size:	981 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:	NM_001025370.1
RefSeq Size:	3410 bp
RefSeq ORF:	984 bp
Locus ID:	7422
UniProt ID:	P15692
Cytogenetics:	6p21.1
MW:	35.5 kDa