

Product datasheet for **RC209477A1V**

Human VGF (NM_003378) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VGF (NM_003378) AAV Particle
Tag:	Myc-DDK
Symbol:	VGF
Synonyms:	SCG7; SgVII
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209477 representing NM_003378
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAAGCCCTCAGATTGTCGGCTTCCGCCCTCTTCTGCCTTCTGCTGATCAACGGGTTAGGGGCAGCAC
 CCCCTGGTCGCCCTGAGGCGCAGCCTCCTCCTCAGCTCTGAGCATAAAGAGCCGGTAGCCGGGACGC
 AGTGCCCGGGCAAAGGATGGCAGCGCCCCAGAGGTCCGAGGCGCTCGGAATTCGAGCCGACAGGACGAG
 GGAGAGCTTTTCCAGGGCGTGGATCCCCGGGCGCTGGCCGCGGTGCTGCTGCAGGCACTCGACCGTCCCG
 CCTACCCCCGGCACCAAGCGGCTCCAGCAGGGGCGGAGGAAGAAGCAGCTGAAGCTCTGCTGACCGA
 GACCGTGCGCAGCCAGACCCACAGCCTCCCGGCCCGGAGAGCCGGAGCCCGCGGCTCCGCCTCGCCCT
 CAGACTCCGAGAATGGGCCGAGGCGAGCGATCCCTCCGAGGAGCTCGAGGCGCTAGCGTCCCTGCTCC
 AGGAACTGCGAGATTTAGTCCAAGTAGCGCAAGCGCCAGCAGGAGACGGCGGCAGCAGAGACGGAAC
 CCGCAGCACACGCTGACCCGAGTGAATCTGGAGAGCCCGGGGCCAGAGCGCTATGGCGCGCTTCTGG
 GGAGAGTTCCAGGCGCGTGTCCCGAGCGCGCGCCCTGCCGCCCGCGCCCTCTCAATTCAGGCGC
 GTATGCCCCGACAGCGGGCCCTTCCCGAAACCAAGTTCGGGGAAGGAGTGTCTCCCCCAAAACACA
 CCTAGGCGAGGCATTGGCACCCCTGTCCAAGGCGTACCAAGGCGTGGCCGCCCGTTCCCAAGGCGCGC
 CGGCCGGAGAGCGCACTCCTGGGCGGCTCCGAGCGGGCGAGCGCCTTCTCCAGCAAGGCTGGCGCAGG
 TGGAGGCCGGGCGGCGGAGGCGGAGGCCACGCGGCAGGCCGCGGCGCAGGAAGAGCGGCTGGCCGACCT
 CGCCTCGGACCTGCTGCTCCAGTATTTGCTGCAGGGCGGGGCCCGGCAGCGCGGCTCGGGGTGCGGGG
 CTGCAGGAGGCGGCGGAGGAGCAGAGAGTGAAGGGAGGAGGAGGAGGCGGAGCAGGAGAGACGCGGCG
 GGGAGGAGAGGTGGGGAAGAGGATGAGGAGCGCGCCGAGCGGAGGAGGCGGAGGAGGAGGAGGAGGAG
 GGCGCGGCAGAACGCGCTCCTGTTCGCGGAGGAGGAGGAGCGGGGAAGCCGCGCCGAGGACAAGCGCTCC
 CAGGAGGAGACGCGGGGCCACCGCGGAAGGAGGCCGAGGGGACAGAGGAGGCGGGGAGGAGGAGGAGC
 ACGAGGAGATGGATCCGACAGCAGTCCGACAGCCTATTGAGCTGTCCACCAAACCTCCACCTGCCAGCGGA
 CGACGTGGTCAGCATCATCGAGGAGGTGGAGGAGAAGCGGAAGCGGAAGAAGAACGCCCCCTCCGAGCCC
 GTGCCGCCCCCGTCCCGCCCCCGCCCCACCCACGTCGCTCCCGCAGCCCCCGCCCCCGCCCCCG
 CTCCCGCACGAGACGAGCTGCCGACTGGAACGAGGTGCTCCCGCCTGGGATCGGGAGGAGGACGAGGT
 GTACCCGCCAGGCGCTACCAACCGCTTCCCAACTACATCCGGCCGCGGACACTGCAGCCGCCCTCGGCC
 TTGCGCGCGCGCACTACCAACGCGCTTCCCGCTTCGCGCCACTATCCCGCCGGGAGGCCAGGCGC
 GGCGCGCGCAGGAGGAGGCGGAGGCGGAGGAGCGCGGCTGCAGGAGCAGGAGGAGCTGGAGAATTACAT
 CGAGCAGCTGCTGCTCCGGCGCCCG

AC**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MKALRLSASALFCLLLINGLGAAPPGRPEAQPPPLSSEHKPEVAGDAVPKDGSAPEVRGARNSEPQDE
 GELFQGVDPRLAAVLLQALDRPASPPAPSGSQGPEEEAAEALLTETVRSQTHSLPAPESPEPAAPPRP
 QTPENGPEASDPSEELALASLLQELRDFSPSSAKRQQETAAETETRTHLTRVNLESPGPERVWRASW
 GEFQARVPERAPLPPAPSQFQARMPDSGPLPETHKFGEVSSPKTHLGEALAPLSKAYQGVAAFPFKAR
 RPESALLGGSEAGERLLQQGLAQVEAGRRQAEATRQAAQEERLADLASDLLLQYLLQGGARQRLGGRG
 LQEAEEERESAREEEAEQERRGGEERVGEEDDEAAEAEAEAEERARQNALLFAEEDGEAGAEDKRS
 QEETPGHRRKEAEGTEEGGEEEDDEMDPQTIDSLIELSTKLHLPADDVVSIIIEVEEKRRKKKNAPPEP
 VPPRAAPATHVRSPQPPPPAPAPARDELPDWNEVLPPWDREDEVPYPPGYHPFNYIRPRTLQPPSA
 LRRRHHHALPPSRHYPGREAQARRAQEEAEAEERRLQEQELENYIEHVLLRRP

SGPTRTRRL**EQKLISEEDLAANDILDYKDDDDK**V

Species:

Human

Serotype:	AAV-2
ACCN:	NM_003378
ORF Size:	1845 bp
Buffer:	PBS with 0.001% Pluronic F6441
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_003378.2</u>
RefSeq Size:	2545 bp
RefSeq ORF:	1848 bp
Locus ID:	7425
UniProt ID:	<u>O15240</u>
Cytogenetics:	7q22.1
MW:	67.26 kDa