

Product datasheet for **RC211130A1V**

Human VCP (NM_007126) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VCP (NM_007126) AAV Particle
Tag:	Myc-DDK
Symbol:	VCP
Synonyms:	CDC48; FTDALS6; p97; TERA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC211130 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTCTGGAGCCGATTCAAAGGTGATGACCTATCAACAGCCATTCTCAAACAGAAGAACCGTCCCA
ATCGGTTAATTGTTGATGAAGCCATCAATGAGGACAACAGTGTGGTGTCTTGTCCCAGCCCAAGATGGA
TGAATTGCAGTTGTTCCGAGGTGACACAGTGTGCTGAAAGGAAAGAAGAGACGAGAAGCTGTTTGCATC
GTCCTTTCTGATGATACTTGTCTGATGAGAAGATTCCGATGAATAGAGTTGTTCCGAATAACCTTCGTG
TACGCCTAGGGGATGTCATCAGCATCCAGCCATGCCCTGATGTGAAGTACGGCAAACGTATCCATGTGCT
GCCATTGATGACACAGTGAAGGCATTACTGGTAATCTCTTCGAGGTATACCTTAAGCCGTAATTCCTG
GAAGCGTATCGACCCATCCGAAAGGAGACATTTTCTGTCCGTGGTGGGATGCGTGTGTGGAGTTCA
AAGTGGTGAACAGATCCTAGCCCTTATTGCATTGTTGCTCCAGACACAGTATCCACTGCGAAGGGGA
GCCTATCAAACGAGAGGATGAGGAAGAGTCCTTGAATGAAGTAGGGTATGATGACATTGGTGGCTGCAGG
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CTACAGGACGCTTAGAGATTCTCAGATCCATACCAAGAACATGAAGCTGGCAGATGATGTGGACCTGGA
ACAGGTAGCCCAATGAGACTCACGGGCATGTGGTGCTGACTTAGCAGCCCTGTGCTCAGAGGCTGCTCTG
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CGTGGTAGAGGTGCCACAGGTAACTGGGAAGACATCGGGGCTAGAGGATGTCAAACGTGAGCTACAG
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TTCTGTTCTATGGACCTCCTGGCTGTGGGAAAACCTTGTGGCCAAAGCCATTGCTAATGAATGCCAGGC
CAACTTCATCTCCATCAAGGGTCTGAGCTGCTCACCATGTGGTTTGGGAGTCTGAGGCCAATGTCAGA
GAAATCTTTGACAAGGCCCGCCAAGCTGCCCCCTGTGTGCTATTCTTTGATGAGCTGGATTTCGATTGCCA
AGGCTCGTGGAGGTAACATTGGAGATGGTGGTGGGCTGCTGACCGAGTCATCAACCAGATCCTGACAGA
AATGGATGGCATGTCCACAAAAAATGTGTTTCATCATTGGCGCTACCAACCGCCTGACATCATTGAT
CCTGCCATCCTCAGACCTGGCCGTCTTATGATCAGCTCATCTACATCCCACTTCTGATGAGAAGTCCCGTG
TTGCCATCCTCAAGGCTAACCTGCGCAAGTCCCAAGTGGCAAGGATGTGGACTTGGAGTTCTGGCTAA
AATGACTAATGGCTTCTCTGGAGCTGACCTGACAGAGATTTGCCAGCGTCTTGAAGCTGGCCATCCGT
GAATCCATCGAGAGTGAATAGGCGAGAACGAGAGAGGCAGACAAACCCATCAGCCATGGAGGTAGAAG
AGGATGATCCAGTGCCTGAGATCCGTCGAGATCACTTTGAAGAAGCCATGCGCTTTGCGCGCCGTTCTGT
CAGTGACAATGACATTCGGAAGTATGAGATGTTTCCCCAGACCTTCAGCAGAGTCGGGGCTTTGGCAGC
TTCAGATTCCTTCAGGGAACAGGGTGGAGCTGGCCCCAGTCAGGGCAGTGGAGCGGCACAGGTGGCA
GTGTATACACAGAAGACAATGATGATGACCTGTATGGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211130 protein sequence Red=Cloning site Green=Tags(s) MASGADSKGDDLSTAILKQKNRPNRLIVDEAINEDNSVLSQPKMDELQLFRGDTVLLKGKKRREAVCI VLSDDTCSDEKIRMNRVVRNLRVRLGDVISIQPCPDVKYGKRIHVLPIDDTVEGITGNLFEVYLKPYFL EAYRPIRKGDIFLVRGGMRAVEFKVETDPSYCIVAPDTVIHCEGEPIKREDEEESLNEVGYYDDIGGCR KQLAQIKEMVELPLRHPALFKAIGVKPPRGILLYGPPGTGKTLIARAVANETGAFFFLINGPEIMSKLAG ESESNLKAFEEAEKNAPAIIFIDELDAIAPKREKTHGEVERRIVSPLLMDGLKQRAHVIVMAATNRP NSIDPALRRFGRFDREVDIGIPDATGRLEILQIHTKNMKLADDVDLEQVANETHGHVGADLAALCSEAAL QAIRKKMDLIDLEDETIDAEVMNSLAVTMDDFRWALSQSNPSALRETVEVPQVTWEDIGGLEDVKRELQ ELVQYPVEHPDKFLKFGMTPSKGVLFGPPGCGKTLAKAIANECQANFISIKGPELLTMWFGSEANVR EIFDKARQAAPCVLFFDELDSIAKARGGNIGDGGGAADRVINQILTEMGMSTKKNVFIIGATNRPDIID PAILRPGRLDQLIYIPLPDEKSRVAILKANLRKSPVAKDLDLEFLAKMTNGFSGADLTEICQRACKLAIR ESIESEIRRERERQTNP SAMEVEEDDPVEIRRDHFEEAMRFARRSVSDNDIRKYEMFAQTLQSGRFGS FRFPSGNQGGAGPSQSGGGTGGSVYTEDNDDLYG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007126
ORF Size:	2418 bp
Buffer:	PBS with 0.001% Pluronic F6671
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_007126.2
RefSeq Size:	3859 bp
RefSeq ORF:	2421 bp
Locus ID:	7415
UniProt ID:	P55072
Cytogenetics:	9p13.3
MW:	89.3 kDa