

Product datasheet for **RC217181A1V**

Human RUFY1 (NM_025158) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RUFY1 (NM_025158) AAV Particle
Tag:	Myc-DDK
Symbol:	RUFY1
Synonyms:	RABIP4; ZFYVE12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217181 representing NM_025158
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGACCGGAAGGCGGCTGCGCTGCTGGGCGGGGCGGGAGCTGGAGCCGGAGCTGGAGCCGGGGC
 CGGGGCCCGGGTCAGCGCTTGAGCCGGGAGAAGAGTTTGAGATCGTGGACCGAAGCCAGCTGCCCGGCC
 AGGCGACCTGCGGAGCGCAACGAGGCCCGGGCGGGAGGGCTGGTCGGCGCCCATCTGACCTGGCA
 CGCAGGGCCACCGGAACCTGTCGGCGAGCTGCGGGAGCGCGCTGCGCGCGCCGCGGGGCTGGGCGCG
 GGGACAGCGGGGACGGCACGGCGCGCGCAGCTTCTAAGTGCCAGATGATGGAGGAGCGTGCCAACTGAT
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 CTTTATCTTGCACTCATGCAAAAGAACTGGCAGATTATCTGAAAGTGCTTATAGACAATAAACATCTCT
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 GTGTAGAGATAACAAAACAGGATACCAAAGTTGAGCTGGAGACTTACAAGCAAACTCGGCAAGGTCTGGA
 TGAATGTACAGTGATGTGTGAAGCAGCTAAAAGAGGAGAAGAAAGTCCGGTTGGAAGTGGAAAAAGAA
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 AGAAGCAGGACACACTAGTTGCCCTCCGCCAGCAGCTGGAAGAAGTCAAAGCGATTAATTTACAGATGTT
 TCACAAAGCTCAGAATGCAGAGAGCAGTTTGCAGCAGAAGAATGAAGCCATCACATCCTTTGAAGGAAAA
 ACCAACCAAGTTATGTCCAGCATGAAACAAATGGAAGAAAGGTTGCAGCACTCGGAGCGGGCGAGGCAGG
 GGGCTGAGGAGCGGAGCCACAAGCTGCAGCAGGAGCTGGGCGGGAGGATCGGCGCCCTGCAGCTGCAGCT
 CTCCAGCTGCACGAGCAATGCTCAAGCCTGGAGAAAGAATTGAAATCAGAAAAAGACAAAGACAGGCT
 CTTGAGCGCAATTACAGCACGAGAAAGACACTTCCTCTCTACTCAGGATGGAGCTGCAACAAGTGAAG
 GACTGAAAAAGGAGTTGCGGGAGCTTCAGGACGAGAAGGCAGAGCTGCAGAAGATCTGCGAGGAGCAGGA
 ACAAGCCCTCCAGGAAATGGGCCTGCACCTCAGCCAGTCCAAGCTGAAGATGGAAGATATAAAGAAAGTG
 AACCAGGCACTGAAGGGCCACGCTGGCTGAAAGATGACGAAGCGACACACTGTAGGCAGTGTGAGAAGG
 AGTTCTCCATTTCCGGAGAAAGCACCCTGCCGGAAGTGTGGCCACATCTTCTGCAACACCTGCTCCAG
 CAACGAGCTGGCCCTGCCCTCTACCCCAAGCCGGTGCAGTGTGCGACAGCTGCCACACCCTGCTCCTG
 CAGCGCTGCTCCTCCACGGCCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217181 representing NM_025158 Red=Cloning site Green=Tags(s) MADREGGCAAGRGRELEPELEPGPGPSALEPGEEFEIVDRSQLPGPGDLRSATRPAAEGWSAPILTLA RRATGNLSASCGSALRAAAGLGGGDSGDGTARAASKCQMMEERANLMHMMKLSIKVLLQSALSLGRSLDA DHAPLQQFFVVMHCLKHGLKVKKSFIGQNKSFPGLELVEKLCPEASDIATSVRNLPKLTAVGRGRAW LYLALMQKKLADYLKVLIDNKHLLSEFYEPALMMEEEGMVIVGLLVGLNVLDANLCLKGEDLDSQVGV DFSLYLKDVQDLGGKEHERITDVLQKNYVEELNRHLCTVGDQLQTKIDGLEKTSKLQEELSAATDRI CSLQEEQQQLREQNELIRERSEKSVETKQDTKVELETYKQTRQGLDEMYSDVWKQLKEEKKVRLELEKE LELQIGMKTEMIAMKLEKDTHEKQDTLVALRQQLEEVKAINLQMFHKAQNAESSLQQKNEAITSFEGK TNQVMSSMKMEERLQHSEARQGAERSHKLQQELGGRIGALQLQLSQLHEQCSSLEKELKSEKEQRQA LQRELQHEKDTSSLLRMELQQVEGLKKELRELQDEKAELQKICEEQEQALQEMGLHLQSCLKMEDIKEV NQALKGHAWLKDDEATHCRQCEKEFSISRRKHHCRCGHIFCNTCSSNELALPSYKPKVRVCDSCHTLLL QRCSSSTAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_025158
ORF Size:	2124 bp
Buffer:	PBS with 0.001% Pluronic F7649
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_025158.3</u>
RefSeq Size:	2644 bp
RefSeq ORF:	2127 bp
Locus ID:	80230
UniProt ID:	<u>Q96T51</u>
Cytogenetics:	5q35.3
MW:	79.6 kDa