

Product datasheet for **RC207961A1V**

Human RIPX (RUFY3) (NM_014961) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RIPX (RUFY3) (NM_014961) AAV Particle
Tag:	Myc-DDK
Symbol:	RIPX
Synonyms:	RIPX; SINGAR1; ZFYVE30
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207961 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCTGCTCTGACGCCTCCGACCGATATGCCAACCCACCCTGACAAGATCACACAGGCTGCCATGG
 AGACCATCTACCTTTGCAAATCCGAGTGTCCATGGATGGAGAATGGCTCTGCCTGCGAGAGCTGGATGA
 CATCTCACTTACACCTGACCCAGAGCCTACCATGAAGATCCTAATTATCTCATGGCTAATGAACGCATG
 AACCTCATGAACATGGCCAAGCTGAGTATCAAGGGCTTGATTGAATCAGCTCTGAACCTGGGAGGACTC
 TTGACTCTGACTATGCACCTCTCCAGCAATTCTTTGGTGTGATGGAGCACTGTCTGAAACATGGCTTGA
 AGCTAAAAAACTTTCTCGGACAAAATAATCCTTCTGGGGCTCTAGAACTGGTAGAAAAGCTTGT
 CCAGAAGCCGAGAGATAACAGCAAGTGTAAAGATCTCCAGGACTTAAGACACCAAGTAGGAGGAA
 GAGCCTGGCTTCGTTTGGCATTAAATGCAAAAGAACTTTCAGAATATATGAAAGCTTTGATCAATAAGAA
 AGAACTTCTCAGTGAATTCTACGAACCAATGCCCTCATGATGGAAGAAGAAGGAGCCATAATTGCTGGT
 CTGTTGGTGGGCTGAATGTCTTGTATGATGCCAATTTCTGTATGAAAGGAGAAGACTTGGACTCTCAGGTTG
 GAGTTATAGATTTTCAATGTATCTCAAGGACGGGAACAGCAGTAAAGGTACTGAAGGAGACGGTCAGAT
 TACTGCAATTCCTGGACCAAGAAGTATGTAGAAGAACTGAACAGACATTTGAATGCTACTGTAAACAAC
 CTTGAGGCAAAAGTAGATGCATTAGAAAAATCCAACACTAAACTGACAGAGGAGCTTGCAGTTGCAACAA
 ACAGGATCATTACCTTACAAGAAGAAATGGAACGAGTTAAAGAGGAAAGTTCTACATACTGGAATCCAA
 TCGGAAGGGTCCCAAGCAAGACAGAAGTGCAGAAGGGCAAGCACTAAGTGAAGCAAGAAAGCATTTAAAA
 GAAGAGACACAATTACGATTGGATGTTGAGAAAGAACTGGAGATGCAGATCAGCATGAGGAGGAGATGG
 AATTGGCTATGAAGATGCTGGAGAAGGATGTCTGTGAGAAGCAGGATGCCCTGGTATCTCTTCGCGAGCA
 GCTGGATGACCTCAGAGCTCTCAAGCATGAACCTTGCTTTAAGCTGCAGAGTTTCAAGTAAAGTAAAA
 CAGAAAAGTGAAGTAAACAGTCGCTTGAAGAGAAGACTAATCAGATGGCTGCTACCATTAACAACTTG
 AACAAAGTGAAAGGATTTGGTGAAACAGGCAAGACCTTAAATAGTGCAGCAAAATAAAGTATCCCAAA
 ACATCAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207961 protein sequence
 Red=Cloning site Green=Tags(s)

MSALTPTDMPPTTDDKITQAAMETIYLCKFRVSMGGEWLCLREDDISLTPDPEPTHEDPNYLMANERM
 NLMNMAKLSIKGLIESALNLGRTLDSYAPLQQFFVMEHCLKHGLKAKKTFGLQNKSFVWGPLELVEKL
 PEAAEITASVKDLPGLKTPVGRGAWRLALMQKKLSEYMKALINKKELLSEFYEPNALMMEEGAIAG
 LLVGLNVIDANFCMKGEDLDSQGVIDFSMYLKDGNSKGTGEGQITAILDQKNYVEELNRHLNATVNN
 LQAKVDALEKSNTKLTEELAVANNRIITLQEEMERVKEESSYILESNRKGPKQDRTAEGQALSEARKHLK
 EETQLRLDVEKELEMQISMRQEMELAMKMLEKDVCEKQDALVSLRQQLDDLRAKHELAFKLQSSDLGVK
 QKSELNSRLEEKTNQMAATIKQLEQSEKDLVKQAKTLNSAANKLIPKHH

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_014961

ORF Size:

1407 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_014961.2</u>
RefSeq Size:	4419 bp
RefSeq ORF:	1410 bp
Locus ID:	22902
UniProt ID:	<u>Q7L099</u>
Cytogenetics:	4q13.3
MW:	53 kDa