

Product datasheet for **RC214610A1V**

Human RIC8 (RIC8B) (NM_018157) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RIC8 (RIC8B) (NM_018157) AAV Particle
Tag:	Myc-DDK
Symbol:	RIC8
Synonyms:	hSyn; RIC8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214610 representing NM_018157
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGATGAGGAGCGCCCTCTACATCGTCCGGCCGGCGAAGCAGGGGCTATCGAGCGGGTCTGAGGG
 ATTACAGCGACAAGCATAGGGCTACTTTCAAATTTGAATCAACAGATGAAGATAAAAGAAAGAACTCTG
 TGAAGGCATATTTAAAGTCCTTATAAAGGACATCCCAACAACATGTCAAGTGCTCTGCCTGGAAGTACTC
 CGCATTCTCTCCAGAGACAAAAGGTTTTAGTTCTGTGACAACTAAGGAAAATATGCAGATACTGCTGC
 GACTAGCCAAGCTAAATGAGTTAGATGATTCTTTGGAGAAAGTATCAGAGTTCCAGTTATTGTGGAGTC
 ATTAATGTCTGTGTAATATAGTGTTCAACAGTCAGATGGCACAGCAGCTCAGCCTGGAACCTAATCTT
 GCTGCAAAGCTCTGTAACTCTGAGAAAGTGAAGGACCGGAAATTTATCAATGACATTAAGTGCTTTG
 ACTTGCGCTTGCTCTTCTTCTGTCACTTTTGACACCGACATCAGGTACAATTGCGCTATGAGCTCCA
 GGGACTACCGCTCTAACGCAGATCTTGAAAGTGCCTTAGCATCAAGTGGACCGATGAGTATGAATCG
 GCCATAGACCATAATGGACCTCCTCTCTCACCTCAGGAGACAGACTGTGCCATTGAGGCCCTCAAAGCTC
 TCTTCAATGTGACGGTAGACAGTTGGAAGGTGCATAAAGAGAGTGATTCTCATCAGTTCCGTGTAATGGC
 AGCTGTCTTCGTCATTGTTTACTAATCGTAGGTCCAAGTGAAGACAAAACAGAGAGCTACACAGCAAT
 GCAGTCAACCTTTTAAGCAATGTTCCAGTCTCTTGTGGATGTTCTCATTGTCCGTTAACCCATGAAG
 AAACAGCCCAAGAGGCAACGACTCTAGATGAAGTCCCAAGTGAAGACAGCTGAGAAAGAAAGAGTTT
 GAAAAACAATACCATGGTATACAATGGTATGAATATGGAGGCCATTCTGTTTTACTGAATTTATGGAG
 AAGAGAATAGACAAGGAAGCAGCTATAGAGAGGTCTAACTCCAGTTCTCAGCTTATTAACCGAATGTT
 CCCGAGCCCATCGAAACATCCGAAATTTCTCAAAGATCAGTTTTACCACGTTGAGGGATGTGACAAA
 TCGACCTGAAGTTGGCTCAACTGTGAGAAATAAGCTGGTGGCCTCATGACACATGTTGACCTTGGAGTC
 AAGCAAATGCTGCTGAATTCCTTTTGTCTTTGCAAAGAGAGAGTGAGTGTGCTGAAATACACTG
 GCTATGGGAATGCTGCAGGACTGTTGGCGGCCAGGGCCCTTTGGCTGGAGGAAGAGGAGATAATTGGTA
 CTCAGAGGATGAGGACACAGACACTGAAGAATACAAAATGCAAAACCAACATTAATCTTATCACTGGT
 CATTTAGAGGAACCAATGCCAAACCCCATAGATGAAATGACAGAAGAACAAAAGAATATGAAGCCATGA
 AACTTGTCACATGCTTGATAAACTTTCCAGGAGAGCAGATGTGAAGGACCTGCACCAGGATGGTGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDEERALYIVRAGEAGAIERVLRDYSDKHRATFKFESTDEDKRKKLCEGIFKVLKIDIPTTCQVSCLEVL
 RILSRDKKVLVPVTTKENMQILLRLAKLNELDSLEKVFVIVESLKCLCNIVFNSQMAQQLSLELNL
 AAKLCNLLRKCKDRKFINDIKCFDLRLFLSLLHTDIRSQLRYELQGLPLLTQILESAFSIKWTDEYES
 AIDHNGPPLSPQETDCAIEALKALFNVTVDWSKVHKESSHQFRVMAAVLRHCLLIVGPTEDKTEELHSN
 AVNLLSNVPVSLDVLICPLTHEETAQEATTLDELPSNKTAEKETVLRNNMTVMYNGMMEAIHVLLNFME
 KRIDKGGSSYREGLTPVLSLLTECSRAHRNIRKFLKDQVLPPLRDVTNRPEVGSTVRNKLVRMLTHVDLGV
 KQIAAEFLFVLCKERVDSLLKYTGYNAAAGLLAAGLLAGGRGDNWYSEDEDTDEEYKNAKPNINLITG
 HLEEMPMPNIDEMTEEQKEYEAMKLVNMLDKLSRRADVLDLHQDGG

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_018157

ORF Size:

1560 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_018157.2</u>
RefSeq Size:	4989 bp
RefSeq ORF:	1563 bp
Locus ID:	55188
UniProt ID:	<u>Q9NVN3</u>
Cytogenetics:	12q23.3
MW:	58.8 kDa