

Product datasheet for **RC223304A1V**

Human RNF14 (NM_004290) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RNF14 (NM_004290) AAV Particle
Tag:	Myc-DDK
Symbol:	RNF14
Synonyms:	ARA54; HFB30; HRIHFB2038; TRIAD2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223304 representing NM_004290
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGTCAGAAGATCGAGAAGCTCAGGAGGATGAATTGCTGGCCTGGCAAGTATTTACGATGGAGATG
 AATTTAGAAAAGCAGAGTCTGTCCAAGGTGGAGAAACCAGGATCTATTTGGATTTGCCACAGAATTTCAA
 GATATTTGTGAGCGGCAATTCAAATGAGTGTCTCCAGAATAGTGGCTTTGAATACACCATTTGCTTTCTG
 CCTCCACTTGTGCTGAACCTTTGAACTGCCACCAGATTATCCATCCTTCTCCACCTTCATTACACTTA
 GTGGCAAATGGCTGTACCAACTCAGCTATCTGCTCTATGCAAGCACTTAGACAACCTATGGGAAGAACA
 CCGTGGCAGCGTGGTCTGTTTGCCTGGATGCAATTTCTTAAGGAAGAGACCCTAGCATACTTGAATATT
 GTCTCTCTTTTGTGCTCAAGATTGGTTCTCAGAAAAAGTGCAGAGAAGGACAGCTCAAGCTTCTCCA
 ACACAGAGCTAGATTTTGGAGGAGCTGTGGATCTGATGTAGACCAAGAGGAAATTTGGATGAGAGAGC
 AGTGCAGGATGTGGAATCACTGTCAAATCTGATCCAGGAAATCTTGGACTTTGATCAAGCTCAGCAGATA
 AAATGCTTTAATAGTAAATTGTTCTGTGCAGTATCTGTTTCTGTGAGAAGCTGGGTAGTGAATGCATGT
 ACTTCTTGAGATGCAGGCATGTGTACTGCAAAGCCTGTCTGAAGGACTACTTTGAAATCCAGATCAGAGA
 TGGCCAGGTTCAATGCCTCAACTGCCCAGAACCAAGTGCCTTTCGGTGGCCACTCCTGGTCAGGTCAAA
 GAGTTAGTGGAAGCAGAGTTATTTGCCCGTTATGACCGCCTTCTCCTCCAGTCTCCTTGGACCTGATGG
 CAGATGTGGTGTACTGCCCCGGCGCTGCTGCCAGTGCCTGTGATGCAGGAACCTGGCTGCACCATGGG
 TATCTGCTCCAGCTGCAATTTTGCTTCTGTACTTTGTGCAGGTTGACCTACCATGGGGTCTCCCATGT
 AAGGTGACTGCAGAGAAATTAATGGACTTACGAAATGAATACCTGCAAGCGGATGAGGCTAATAAAGAC
 TTTTGGATCAAAGGTATGGTAAGAGAGTGATTGAGAAGCACTGGAAGAGATGGAAGTAAGAGATGGCT
 AGAGAAGAACTCAAAGAGCTGCCCATGTTGTGGAACCTCCATAGAGAAATTAGACGGATGTAACAAGATG
 ACATGTACTGGCTGTATGCAATTTTCTGTTGGATTTGCATGGTTCTCTCTAGAGCAAACCTTACA
 AACATTCAATGACCCTGGTTCACCATGTTTTAACCGGCTGTTTTATGCTGTGGATGTTGACGACGATAT
 TTGGGAAGATGAGGTAGAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSSSEDREAQDELLALASIYDGDDEFKRAESVQGGETRIYLDLPQNFKIFVSGNSNECLQNSGFEYITICFL
 PPLVLNFELPPDYSSPPSFTLSGKWLSPQLSALCKHLDNLWEEHRGSVVLFAWMQFLKEETLAYLNI
 VSPFELKIGSQKKVQRRTAQASPNTLDFGGAAGSDVDQEEIVDERAVQDVESLNLIQEILDFDQAQQI
 KCFNSKLFCLCSICFCEKLGSECMYFLECRHVYCKACLKDYFEIQIRDGQVQCLNCPKPCPSVATPGQVK
 ELVEAELFARYDRLLQLQSSLDLMADVVCPRPCCQLPVMQEPGCTMGICSSCNFAFCTLRLTYHGVSPC
 KVTAEKMLDLRNEYLQADEANKRLLDQRYGKRVIQKALEEMESKEWLEKNSKSCPCCGTPIEKLDGCNKM
 TCTGCMQYFCWICMGSLSRANPYKHFNDPGSPCFNRLFYAVDVDDDIWEDEVED

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004290

ORF Size:

1422 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_004290.4</u>
RefSeq Size:	4395 bp
RefSeq ORF:	1425 bp
Locus ID:	9604
UniProt ID:	<u>Q9UBS8</u>
Cytogenetics:	5q31.3
MW:	53.8 kDa