

Product datasheet for **RC220944A1V**

Human KATNAL1 (NM_001014380) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KATNAL1 (NM_001014380) AAV Particle
Tag:	Myc-DDK
Symbol:	KATNAL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220944 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGAATTTGGCTGAGATTTGTGATAATGCAAAGAAAGGAAGAGAATATGCCCTTCTTGAAATTACGACT
CATCAATGGTATATTACCAGGGGGTGATGCAGCAGATTGAGAGACATTGCCAGTCAGTCAGAGATCCAGC
TATCAAAGGCAAATGGCAACAGGTTCCGCAGGAATTATTGGAGGAATATGAACAAGTTAAAGTATTGTC
AGCACTTTAGAAAGTTTTAAATTTGACAAGCCTCCAGATTTCCCTGTGCTCTGCAAGATGAACCATTTA
GAGATCCTGCTGTTTGGCCACCCCTGTTCTGCAGAACACAGAGCTCCACCTCAGATCAGGCGTCCCAA
TCGAGAAGTAAGACCTCTGAGGAAAGAAATGGCAGGAGTAGGAGCCCGGGGACCTGTAGGCCGAGCACAT
CCTATATCAAAGAGTGAAAAGCCTTCTACAAGTAGGGACAAGGACTATAGAGCAAGAGGGAGAGATGACA
AGGGAAGGAAGAATATGCAAGATGGTGAAGTATGGTGAAATGCCAAATTTGATGGTCTGGTTATGA
TAAGGATCTGGTGAAGCCCTTGAAAGAGACATTGTATCCAGGAATCCTAGCATTATTGGGATGACATA
GCAGATCTGGAAGAAGCTAAGAAGTTGCTAAGGGAAGCTGTTGTTCTTCAATGTGGATGCCTGACTTTT
TCAAAGGGATTAGAAGGCCATGGAAGGGTGTACTGATGGTTGGACCCCAGGCACTGGTAAACTATGCT
AGCTAAAGCTGTTGCCACTGAATGTGGTACAACATTCTCAACGTTTCGTCTTCTACACTGACATCTAAA
TACAGAGGTGAATCTGAGAAGTTAGTTCTGCTGTTGTTGAGATGGCTAGATTTTATGCCCTACCACGA
TCTTCATTGATGAGATAGATTCTATCTGCAGTCGAAGAGGAACCTCTGATGAACATGAGGCAAGTCGCAG
GGTCAAGTCTGAACTGCTCATTGATGGATGGAGTTGGAGGAGCTTTAGAAAATGATGATCCTTCCAAA
ATGTTTATGGTATTGGCTGCTACTAATTTCCCGTGGGACATTGATGAAGCTTTGCGAAGAAGGTTAGAAA
AAAGGATATATACCTCTCCCAACAGCAAAAGGAAGAGCTGAGCTTCTGAAGATCAACCTTCGTGAGGT
CGAATTAGATCCTGATATTCAACTGGAAGATATAGCCGAGAAGATTGAGGGCTATTCTGGTGCTGACATC
ACTAATGTTTGCAGGGATGCCTCTTTAATGGCAATGAGACGGCGTATCAATGGCTTAAGTCCAGAAGAAA
TCCGTGCACTTTCTAAAGAGGAAGTTCAGATGCCTGTTACCAAGGAGACTTTGAATTGGCCCTAAAGAA
AATTGCTAAGTCTGTCTGCTGCAGACTTGGAGAAGTATGAAAATGGATGGTTGAATTTGGATCTGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC220944 protein sequence Red=Cloning site Green=Tags(s) MNLAEICDNAKKGREYALLGNYDSSMYYYQGVMMQIQRHCSVRDPAIKGKWQQVRQELLEEEYEQVKSIV STLESFKIDKPPDFPVSCQDEPFRDPAVWPPPVAEHRAPPQIRPNREVRPLRKEMAGVGARGPVGRAH PISKSEKPSTSRDKDYRARGRDDKGRKNMQDGASDGEMPKFDGAGYDKDLVEALERDIVSRNPSIHWDDI ADLEEAKKLLREAVVLPWMPDFFKGIRRPWKGVLMVGPPGTGKTMALAKAVATECGTTFFNVSSSTLTSK YRGESEKLVRLLFEMARFYAPTTIFIDEIDSICSRRTSDEHEASRRVKSELLIQMDGVGGALENDPSK MVMVLAATNFPWDIDEALRRRLKRIYIPLPTAKGRAELLKINLREVELDPDIQLEDIAEKIEGYSGADI TNVCRDASLMAMRRRINGLSPEEIRALSKEELQMPVTKGDFELALKKIAKSVSAADLEKYEKWMVEFGSA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001014380
ORF Size:	1470 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_001014380.1</u>
RefSeq Size:	7512 bp
RefSeq ORF:	1473 bp
Locus ID:	84056
UniProt ID:	<u>Q9BW62</u>
Cytogenetics:	13q12.3
MW:	55.4 kDa