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Product datasheet for RC202611A1V

Human ANKH (NM_054027) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ANKH (NM_054027) AAV Particle
Tag:	Myc-DDK
Symbol:	ANKH
Synonyms:	ANK; CCAL2; CMDJ; CPPDD; HANK; MANK; SLC62A1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC202611 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTGAAATTCCCGGCGCTCACGCACTACTGGCCCCTGATCCGGTTCTTGGTGCCCCTGGGCATCACCA
ACATAGCCATCGACTTCGGGGAGCAGGCCTTGAACCGGGGCATTGCTGCTGTCAAGGAGGATGCAGTCGA
GATGCTGGCCAGCTACGGGCTGGCGTACTCCCTCATGAAGTTCTTCACGGGTCCCATGAGTGACTTCAAA
AATGTGGGCCTGGTGTTTGTGAACAGCAAGAGAGACAGGACCAAAGCCGTCCTGTGTATGGTGGTGGCAG
GGGCCATCGCTGCCGTCTTTCACACACTGATAGCTTATAGTGATTTAGGATACTACATTATCAATAAACT
GCACCATGTGGACGAGTCGGTGGGGAGCAAGACGAGAAGGGCCTTCCTGTACCTCGCCGCCTTTCCTTTC
ATGGACGCAATGGCATGGACCCATGCTGGCATTCTCTTAAAACACAAATACAGTTTCCTGGTGGGATGTG
CCTCAATCTCAGATGTCATAGCTCAGGTTGTTTTTGTAGCCATTTTGCTTCACAGTCACCTGGAATGCCG
GGAGCCCCTGCTCATCCCGATCCTCTCCTTGTACATGGGCGCACTTGTGCGCTGCACCACCCTGTGCCTG
GGCTACTACAAGAACATTCACGACATCATCCCTGACAGAAGTGGCCCGGAGCTGGGGGGAGATGCAACAA
TAAGAAAGATGCTGAGCTTCTGGTGGCCTTTGGCTCTAATTCTGGCCACACAGAGAATCAGTCGGCCTAT
TGTCAACCTCTTTGTTTCCCGGGACCTTGGTGGCAGTTCTGCAGCCACAGAGGCAGTGGCGATTTTGACA
GCCACATACCCTGTGGGTCACATGCCATACGGCTGGTTGACGGAAATCCGTGCTGTGTATCCTGCTTTCG
ACAAGAATAACCCCAGCAACAAACTGGTGAGCACGAGCAACACAGTCACGGCAGCCCACATCAAGAAGTT
CACCTTCGTCTGCATGGCTCTGTCACTCACGCTCTGTTTCGTGATGTTTTGGACACCCAACGTGTCTGAG
AAAATCTTGATAGACATCATCGGAGTGGACTTTGCCTTTGCAGAACTCTGTGTTGTTCCTTTGCGGATCT
TCTCCTTCTTCCCAGTTCCAGTCACAGTGAGGGCGCATCTCACCGGGTGGCTGATGACACTGAAGAAAAC
CTTCGTCCTTGCCCCCAGCTCTGTGCTGCGGATCATCGTCCTCATCGCCAGCCTCGTGGTCCTACCCTAC
CTGGGGGTGCACGGTGCGACCCTGGGCGTGGGCTCCCTCCTGGCGGGCTTTGTGGGAGAATCCACCATGG
TCGCCATCGCTGCGTGCTATGTCTACCGGAAGCAGAAAAAGAAGATGGAGAATGAGTCGGCCACGGAGGG
GGAAGACTCTGCCATGACAGACATGCCTCCGACAGAGGAGGTGACAGACATCGTGGAAATGAGAGAGGAG
AATGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202611 protein sequence
Red=Cloning site Green=Tags(s)

MVKFPALTHYWPLIRFLVPLGITNIAIDFGEQALNRGIAAVKEDAVEMLASYGLAYSLMKFFTGPMSDFK
NVGLVFVNSKRDRTKAVLCMVVAGAIAAVFHTLIAYSDLGYYIINKLHHVDESVGSKTRRAFLYLAAFPF
MDAMAWTHAGILLKHKYSFLVGCASISDVIAQVVFVAILLHSHLECREPLLIPILSLYMGALVRCTTLCL
GYYKNIHDIIPDRSGPELGGDATIRKMLSFWWPLALILATQRISRPIVNLFVSRDLGGSSAATEAVAILT
ATYPVGHMPYGWLTEIRAVYPAFDKNNPSNKLVSTSNTVTAAHIKKFTFVCMALSLTLCFVMFWTPNVSE
KILIDIIGVDFAFAELCVVPLRIFSFFPVPVTVRAHLTGWLMTLKKTFVLAPSSVLRIIVLIASLVVLPY
LGVHGATLGVGSLLAGFVGESTMVAIAACYVYRKQKKKMENESATEGEDSAMTDMPPTEEVTDIVEMREE
NE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_054027

ORF Size: 1476 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:	NM_054027.3
RefSeq Size:	8224 bp
RefSeq ORF:	1479 bp
Locus ID:	56172
UniProt ID:	Q9HCJ1
Cytogenetics:	5p15.2
MW:	54.2 kDa