

Product datasheet for **RC222623A1V**

Human ANKHD1 (NM_024668) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ANKHD1 (NM_024668) AAV Particle
Tag:	Myc-DDK
Symbol:	ANKHD1
Synonyms:	MASK; MASK1; PP2500; VBARP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222623 representing NM_024668
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGACTGATAGCGGAGGCGCGGCACCTCCTTTGAGGAGGACCTGGACTCTGTGGCTCCGCGATCCG
 CCCCAGCTGGGGCCTCGAGCCGCTCCGCCGGGAGGGTCTGGTCTGGGGATCCGCACCGTGAGGCTCTT
 TGGGGAGGCGGGCCAGCGTCGGGAGTCGGCAGCAGCGCGCGCGGCGGAGCGGAGCGGTACGGCGGA
 GGGGACGCGGCTGGATTTCAAGTTGGCGGCTGCCGTCTGAGGACCGGGGTGGAGGTGGTGCCTCTG
 GCAGTGACGAGGACGAAGTGCCGAGGTTGAATCATTTATTTGGACCAAGAAGATCTGGATAACCCAGT
 GCTTAAAAACAACATCAGAGATATTCTTCAAGTACTGCAGAAGGAGCAGACTTACGCACTGTGGATCCA
 GAGACACAGGCACGACTAGAAGCATTGCTAGAAGCAGCAGGAATTGGCAAATTGTCAACTGCTGATGGA
 AAGCTTTTGCAGATCCTGAGTACTCCGAGACTGACATCCTCAGTTAGTTGTGCACTGGATGAAGCTGC
 TGCTGCACTGACACGGATGAAAGCAGAAAACAGCCACAATGCAGGACAAGTGGACACTCGCAGTCTAGCA
 GAAGCTTGTTCAGATGGGGATGTTAATGCTGTTTCGTAATTTGCTAGATGAAGGCAGAAGGTAAATGAAC
 ATACAGAAGAAGGAGAAAGCCTGCTGTGTTTGGCTTGTTCAGCAGGGTATTATGAATTAGCACAAGTATT
 GCTTGCTATGCATGCTAATGTTGAAGATCGAGGGAATAAAGGAGACATAACTCCCTGATGGCAGCTTCC
 AGTGGAGGTTACTTAGATATTGTGAAATTATTCTTTCATGATGCTGATGTCAACTCCAGTCTGCAA
 CAGGAAACACTGCGCTAATTATGCATGTGCTGGAGGATTTGTTGACATTGTTAAAGTGTCTTAAATGA
 AGGTGCAAAATAGAAGATCATAATGAAATGGACATACTCCCTTAATGGAAGCAGCCAGTGCAGGTCAT
 GTGGAAGTTGCAAGAGTTCTTTTAGATCATGGTGACGATCAACACTCATTCTAATGAATCAAAGAAA
 GTGCTCTAACACTTGCTTGCTACAAAGGCCATTTGGATATGGTTCGCTTTCTACTTGAAGCTGGTGACA
 TCAAGAGCACAAAACAGATGAGATGCACACTGCCTTAATGGAGGCTGCATGGATGGACATGTAGAGGTG
 GCACGTTTGCTTTTGATAGTGGTGTCAAGTGAACATGCCTGCAGATTCATTTGAATCTCCATTGACGC
 TAGCTGCCTGTGGAGGACATGTTGAATTGGCAGCTCTACTTATTGAAAGGGGAGCAAATCTTGAAGAAGT
 TAATGATGAAGGATACACTCCCTTGATGGAAGCTGCCCGGAAGGACATGAAGAAATGGTGGCACTACTC
 TTAGCACAGGAGCAAATATAAATGCCAGACAGAAGAACTCAAGAACTGCTCTTACTTTGGCTTGCT
 GTGGAGGATTTCTGAAGTTGCAGACTTTCTTATTAAGGCAGGGGCTGATATAGAAGTGGCTGCTCCAC
 ACCTCTGATGGAGGATCTCAGGAGGACACCTGGAATTGGTTAAATATTTGCTGGCTTCTGGCGCTAAT
 GTGCATGCTACAACAGCAACAGGAGACACAGCCTTAACCTATGCTTGTGAAAATGGACATACGGATGTTG
 CAGATGTTTTACTTCAAGCAGGGGCTGATTTAGACAAGCAGGAGGACATGAAGACTATTTTGGAGGGCAT
 AGATCCGGCCAAGCATCAGGTGAGGGTGGCCTTTGATGCTTGTAAAGCTACTACGTAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLTDSGGGTSFEEDLDSVAPRSAPAGASEPPPPGGVGLGIRTVRLFGEAGPASGVGSSGGGSGSGTGG
 GDAALDFKLAAAVLRTGGGGGASGSEDEVSEVSFILDQEDLNPVLKTTSEIFLSSTAEGADLRVDP
 ETQARLEALLEAAGIGKLSTADGKAFADPEVLRRLTSSVSCALDEAAAALTRMKAENSHNAGQVDTRSLA
 EACSDGDVNAVRLKLLDEGRSVNEHTEEGESLLCLACSAGYYELAQVLLAMHANVEDRGNKGDIPLMAAS
 SGGYLDIVKLLLLHDADVNSQSATGNTALTYACAGGFVDIVKLLNEGANIEDHNENGHTPLMEAASAGH
 VEVARVLLDHGAGINTHSNEFKESALTLACYKGHLDVRFLLLEAGADQEHKTDMMHTALMEACMDGHVEV
 ARLLLDSGAQVNMPADSFESPLTLAACGGHVELAALLIERGANLEEVNDEGYTPLMEAAREGHEEMVALL
 LAQGANINAQTEETQETALTACCGGFSEVADFLIKAGADIELGCSTPLMEASQEGHLELVKYLASGAN
 VHATTATGDTALTACENGHTDVADVLLQAGADLDKQEDMKTILEGIDPAKHQVRVAFDACKLLRKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_024668
ORF Size:	1881 bp
Buffer:	PBS with 0.001% Pluronic F8539
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_024668.2</u>
RefSeq Size:	2194 bp
RefSeq ORF:	1884 bp
Locus ID:	54882
UniProt ID:	<u>Q8IWZ3</u>
Cytogenetics:	5q31.3
MW:	64.9 kDa