

Product datasheet for **RC221886A1V**

Human ANKHD1 (NM_017978) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ANKHD1 (NM_017978) 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:

>RC221886 representing NM_017978
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCTGACTGATAGCGGAGGCGCGGCACCTCCTTTGAGGAGGACCTGGACTCTGTGGCTCCGCGATCCG
 CCCAGCTGGGGCCTCGGAGCCGCTCCGCCGGGAGGGTCTGGTCTGGGGATCCGCACCGTGAGGCTCTT
 TGGGGAGGCGGGCCAGCGTCGGGAGTCGGCAGCAGCGCGCGCGGCGGAGCGGAGCGGTACGGCGGA
 GGGGACGCGGCTGGATTTCAAGTTGGCGGCTGCCGTCTGAGGACCGGGGTGGAGGTGGTGCCTCTG
 GCAGTGACGAGGACGAAGTGCCGAGGTTGAATCATTTATTTGGACCAAGAAGATCTGGATAACCCAGT
 GCTTAAACAACATCAGAGATATTCTTCAAGTACTGCAGAAGGAGCAGACTTACGCACTGTGGATCCA
 GAGACACAGGCACGACTAGAAGCATTGCTAGAAGCAGCAGCTTTTGCAGATCCTGAGGTACTCCGAGAC
 TGACATCCTCAGTTAGTTGTGCACTGGATGAAGCTGCTGCTGCACTGACACGGATGAAAGCAGAAAACAG
 CCACAATGCAGGACAAGTGACACTCGCAGTCTAGCAGAAGCTTGTTGAGATGGGGATGTTAATGCTGTT
 CGTAAATTGCTAGATGAAGGCAGAAAGTAAATGAACATACAGAAGAAGGAGAAAGCCTGCTGTGTTGG
 CTTGTTGACGAGGTATTATGAATTAGCACAAGTATTGCTTGCTATGCATGCTAATGTTGAAGATCGAGG
 GAATAAAGGAGACATAACTCCCCTGATGGCAGCTTCCAGTGGAGGTACTTAGATATTGTGAAATTATTA
 CTTCTTCATGATGCTGATGTCAACTCCCAGTCTGCAACAGGAAACACTGCGCTAATTATGCATGTGCTG
 GAGGATTTGTTGACATTGTTAAAGTGCTCCTTAATGAAGTGCAAAATATAGAAGATCATAATGAAATGG
 ACATACTCCCTTAATGGAAGCAGCCAGTGCAGGTCATGTGGAAGTTGCAAGAGTTCTTTTAGATCATGGT
 GCAGGCATCAACACTCATTCTAATGAATCAAAGAAAGTGCTCTAACACTTGCTTGCTACAAAGGCCATT
 TGGATATGGTTTCGCTTTCTACTTGAAGCTGGTGCAGATCAAGAGCACAAAACAGATGAGATGCACACTGC
 CTTAATGGAGGCTGCATGGATGGACATGTAGAGGTGGCACGTTTGCTTTTGGATAGTGGTGCTCAAGTG
 AACATGCCTGCAGATTATTTGAATCTCCATTGACGCTAGCTGCCTGTGGAGGACATGTTGAATTGGCAG
 CTCTACTTATTGAAAGGGGAGCAAACTCTGAAGAAGTTAATGATGAAGGATACACTCCCTTGATGGAAGC
 TGCCCCGGAAGGACATGAAGAAATGGTGGCACTACTCTAGCACAAGGAGCAAAATATAAATGCCAGACA
 GAAGAACTCAAGAACTGCTCTTACTTTGGCTTGCTGTGGAGGATTTCTGAAGTTGCAGACTTTCTTA
 TTAAGGCAGGGGCTGATATAGAAGTGGCTGCTCCACACCTCTGATGGAGGCATCTCAGGAGGGACACCT
 GGAATTGGTTAAATATTTGCTGGCTTCTGGCGTAATGTGCATGCTACAACAGCAACAGGAGACACAGCC
 TTAACCTATGCTTGTAAGTGGACATACGGATGTTGCAGATGTTTACTTCAAGCAGGGGCTGATTTAG
 ACAAGCAGGAGGACATGAAGACTATTTTGGAGGCATAGATCCGCCAAGCATCAGGTGAGGGTGCCCTT
 TGATGCTTGTAAGCTACTACGTAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MLTDSGGGTSFEEDLDSVAPRSAPAGASEPPPPGGVGLGIRTVRLFGEAGPASGVGSSGGGGSGSGTGG
 GDAALDFKLAAAVLRTGGGGGASGSEDEVSEVSFILDQEDLDNPVLKTTSEIFLSSTAEGADLRVDP
 ETQARLEALLEAAAFADPEVLRRLTSSVSCALDEAAAALTRMKAENSHNAGQVDTRSLAEACSDGDVNAV
 RKLLDEGRSVNEHTEEGESLLCLACSAGYYELAQVLLAMHANVEDRGNKGDITPLMAASSGGYLDIVKLL
 LLHDADVNSQSATGNTALTYACAGGFVDIVKLLNEGANIEDHNENGHTPLMEAASAGHVEVARVLLDHG
 AGINTHSNEFKESALTLACYKGHLDMVRFLLEAGADQEHKTDDEMHTALMEACMDGHVEVARLLDLSGAQV
 NMPADSFESPLTLAACGGHVELAALLIERGANLEEVNDEGYTPLMEAAREGHEEMVALLLAQGANINAQT
 EETQETALTACCGGFSEVADFLIKAGADIELGCSTPLMEASQEGHLELVKYL LASGANVHATTATGDTA
 LTYACENGHTDVADVLLQAGADLDKQEDMKTILEGIDPAKHQVRVAFDACKLLRKE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_017978
ORF Size:	1848 bp
Buffer:	PBS with 0.001% Pluronic F8410
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_017978.1</u>
RefSeq Size:	2149 bp
RefSeq ORF:	1851 bp
Locus ID:	54882
UniProt ID:	<u>Q8IWZ3</u>
Cytogenetics:	5q31.3
MW:	63.7 kDa