

Product datasheet for **RC207185A1V**

Human YTHDF1 (NM_017798) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human YTHDF1 (NM_017798) AAV Particle
Tag:	Myc-DDK
Symbol:	YTHDF1
Synonyms:	C20orf21
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207185 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

 ATGTCGGCCACCAGCGTGGACACCCAGAGAACAAAGGACAAGATAATAAAGTACAAAATGGTTCGTTAC
ATCAGAAGGATACAGTTCATGACAATGACTTTGAGCCCTACCTTACTGGACAGTCAAATCAGAGTAACAG
TTACCCCTCAATGAGCGACCCCTACCTGTCCAGCTATTACCCGCGTCCATTGGATTTCTTACTCCCTC
AATGAGGCTCCGTGGTCTACTGCAGGGGACCCTCCGATTCCATACCTCACCACCTACGGACAGCTCAGTA
ACGGAGACCATCATTTTATGCACGATGCTGTTTTGGGCGCCTGGGGGCTGGGGAACAACATCTATCA
GCACAGGTTCAATTTTTTCCCTGAAAACCTGCGTTCTCAGCATGGGGGACAAGTGGGTCTCAAGGTCAG
CAGACCCAGAGCTCCGCGTATGGGAGCAGCTACACCTACCCCCGAGCTCCCTGGGTGGCAGGTGGTTG
ATGGGCAGCCAGGCTTTACAGCGACACCCTCAGCAAGGCCCGGGATGAACAGCCTGGAGCAGGGCAT
GGTTGGCCTGAAGATTGGGGACGTGAGTCTCCGCGTCAAGACGGTGGGCTCTGTCTGTCAGCAGCGTG
GCACTGACTGGTGTCTTTCTGGCAACGGTGGGACAAATGTGAACATGCCAGTTTCAAAGCCGACCTCGT
GGGCTGCCATTGCCAGCAAGCCTGCAAAACACAGCCTAAAATGAAAAACAAAGAGCGGGCCTGTCATGGG
GGGTGGGCTGCCCCCTCCACCCATAAAGCATACATGGACATTGGCACCTGGGATAACAAGGGGCTGTG
CCGAAGGCCCCAGTCCCCCAGCAGGCACCCTCTCCACAGGCTGCCCCACAGCCCCAGCAGGTGGCTCAGC
CTCTCCAGCAGACGCCCCAGCTTTGGTCAACCGCAGTATCAGAGCCCTCAGCAGCCACCCAGACCCG
CTGGGTTGCCCCACGCAACAGAAACGCGGCGTTTGGGCGAGCGGAGGGGCTGGCAGCGATAGCAACTCT
CCTGGAACGTCCAGCCTAATTCTGCCCCAGCGTCAATCCCACCCGTCCTTGAAAACTGAAGGCTG
CTCAGAGCTACAACCCGAAAGAGTTTGAGTGGAATCTGAAAAGCGGGCGTGTGTTTCATCATCAAGAGCTA
CTCTGAGGACGACATCCACCGCTCCATTAACTACTCCATCTGGTGTAGCACAGACGACGCAACAAGCGC
CTGGACAGCGCCTTCCGCTGCATGAGCAGCAAGGGGCCGCTACCTGCTCTTACGCGTCAATGGGAGTG
GGCATTTTTGTGGGTGGCCGAGATGAAGTCCCCCGTGGACTACGGCACCAAGTGGCGGGTCTGGTCTCA
GGACAAGTGGAAGGGGAAGTTTGTATGTCCAGTGGATTTTGTAAAGGATGTACCAATAACAGCTCCGG
CACATCAGGCTGGAGAATAACGACAACAAACCGGTCAAACTCCCGGACACCCAGGAGGTGCCTTAG
AAAAAGCCAAGCAAGTGTGAAATTATCAGTTCCTACAAGCACACAACCTCCATCTTCGACGACTTTGC
TCACTACGAGAAGCGCCAGGAGGAGGAGGAGTGGTGCGAAGGAACGGCAGAGTCGAAACAAACAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207185 protein sequence

Red=Cloning site Green=Tags(s)

 MSATSVDTQRTKGQDNKVQNGSLHQKDTVHDNDFEPYLTGQSNQSNPSMSDPYLSYYPSPSIGFPYSL
NEAPWSTAGDPPIPYLTTYGQLSNGDHHFMHDAVFGQPGGLGNNIYQHRFNFFPENPAFSAWGTSGSQGQ
QTQSSAYGSSYTPPSSLGGTVVDGQPGFHSDDLKAPGMNSLEQGMVGLKIGDVSSAVKTVGSVSSV
ALTGVLSGNGGTNVNMPVSKPTSWAAIASKPAKPQPKMKTSGPVMGGGLPPPIKHNMDIGTWDNKGVP
PKAPVPQQAAPSPQAAPQQAQPLPAQPPALAQPYQSPQPPQTRWVAPRNRNAAFQSGGAGSDSNS
PGNVQPNAPSVEHPVLEKLKAAHSYNPKEFEWNLKSGRVFIKSYSEDDIHRSIKYSIWCSTEHGKNR
LDSAFRCMSSKGPVYLLFSVNGSGHFCGVAEMKSPVDYGTSAVWSQDKWKGKFDVQWIFVKDVPNNQLR
HIRLENNDNKPVTNSRDTQEVPLEKAKQVLKIISSYKHTTSIFDDFAHYEKRQEEEEVVRKERQSRNKQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017798

ORF Size:	1677 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_017798.2</u>
RefSeq Size:	3277 bp
RefSeq ORF:	1680 bp
Locus ID:	54915
UniProt ID:	<u>Q9BYJ9</u>
Cytogenetics:	20q13.33
MW:	60.9 kDa