

Product datasheet for **RC209110A1V**

Human ALKBH5 (NM_017758) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ALKBH5 (NM_017758) AAV Particle
Tag:	Myc-DDK
Symbol:	ALKBH5
Synonyms:	ABH5; OFOXD; OFOXD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209110 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGGCCGCCAGCGGTACACGGACCTGCGTGAGAAGCTCAAGTCCATGACGTCCCGGACAACATATA
 AGGCGGGCAGCCGGGAGGCCGCCGCGCTGCCGAGCCGCCGTAGCCGCCGAGCCGAGCCGCCGCTGC
 CGCCGAACCTTACCCTGTGTCCGGGGCCAAGCGCAAGTATCAGGAGGACTCGGACCCCGAGCGCAGCGAC
 TATGAGGAGCAGCAGCTGCAGAAGGAGGAGGAGCGCGCAAGGTGAAGAGCGGCATCCGCCAGATGCGCC
 TCTTCAGCCAGGACGAGTGCGCCAAGATCGAGGCCCGCATTGACGAGGTGGTGTCCCGCCTGAGAAGGG
 CCTGTACAACGAGCACACGGTGGACCGGGCCCCACTGCGCAACAAGTACTTCTTCGGCGAAGGCTACACT
 TACGGCGCCAGCTGCAGAAGCGCGGGCCCGCCAGGAGCGCCTCTACCCGCCGGGCGACGTGGACGAGA
 TCCCGAGTGGGTGCACAGCTGGTATCCAAAAGCTGGTGGAGCACCGCGTCATCCCGAGGGCTTCGT
 CAACAGCGCCGTCATCAACGACTACCAGCCCGCGGCTGCATCGTGTCTCACGTGGACCCCATCCACATC
 TTCGAGCGCCCATCGTGTCCGTGTCTTCTTTAGCGACTCTGCGCTGTCTTCGGCTGCAAGTTCAGT
 TCAAGCCTATTCGGGTGTGGAACCAAGTGTCTTCCCTGCCGCTGCGCAGGGGAAGCGTGAAGTGTCTCAG
 TGGATATGCTGCTGATGAAATCACTCACTGCATACGGCCTCAGGACATCAAGGAGCGCCGAGCAGTCATC
 ATCCTCAGGAAGACAAGATTAGATGCACCCCGTTGGAACAAAGTCCCTGAGCAGCTCCGTGTTACCAC
 CCAGCTATGCTTCAGATCGCCTGTGAGGAAACAACAGGGACCCCTGCTCTGAAACCAAGCGGTCCCACCG
 CAAGGCAGACCCCTGATGCTGCCACAGGCCACGGATTCTGGAGATGGACAAGGAAGAGAACCAGCGCTCG
 GTGCTGCTGCCACACACCGCGGAGGGGTAGCTTCAGCTCTGAGAACTACTGGCGCAAGTCATACGAGT
 CCTCAGAGGACTGCTCTGAGGCAGCAGCAGCCCTGGGAAGTCTGGCTCATCCTACGTAGTTGCCCTC
 CTTTTGTTTTGAGGGTTTTGTTTTGTTCAATGGGGGGTTTTGTTTTTTGTTTTTTGTTTTTTTGAAT
 CTATATATTTTTCTTGTTTTGTTGCCTGTTAGGGCTGAAGAATAGAATTGGCCAGGACCTAGTTCTC
 ATATTCTTGGTATTCTCCTGGATGGAAGGCTGTTGGCATCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209110 protein sequence
 Red=Cloning site Green=Tags(s)

MAAASGYTDLREKLKSMTSRDNYKAGSREAAAAAIAAAAAAAAAAEPYPVSGAKRKYQEDSDPERSD
 YEEQLQKEEEARKVKSIRQMRLFSQDECAKIEARIDEVVSRAEKL YNEHTVDRAPLRNKYFFGEGYT
 YGAQLQKRGPGQERLYPPGDVDEIPEWVHQLVIQKLVEHRVIEGFGVNSAVINDYQPGGCI VSHVDPIHI
 FERPIVSVSFFSDSALCFGCKFQFKPIRVSEPVLSLPVRRGSVTVLSGYAADEITHCIRPQDIKERRAVI
 ILRKTRLDAPRLETSLSSSVLPPSYASDRLSGNNRDPALPKRSHRKADPDAAHRPRIEMDKENRRS
 VLLPTHRRRGSFSSSENYWRKSYESSDCSEAAGSPGNSGSSLRSCPSFCFEGFVFVHWGVFVFCFLFLI
 LYIFPWFCCLLGLKNRIGQDLGSHILGIPPGWKGCWHQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017758

ORF Size:

1374 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_017758.2, NP_060228.2</u>
RefSeq Size:	3449 bp
RefSeq ORF:	1185 bp
Locus ID:	54890
UniProt ID:	<u>Q6P6C2</u>
Cytogenetics:	17p11.2
MW:	51.4 kDa