

Product datasheet for **RC206529A1V**

Human ALKBH1 (NM_006020) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ALKBH1 (NM_006020) AAV Particle
Tag:	Myc-DDK
Symbol:	ALKBH1
Synonyms:	ABH; ABH1; alkB; ALKBH; hABH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206529 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGAAGATGGCAGCGGCCGTGGGCTCTGTGGCGACTCTGGCGACTGAGCCCGGGGAGGACGCCTTTC
GGAACTTTTCCGCTTCTACCGTCAGAGCCGGCCCGGGACCGCAGACCTGGAAGGGGTATCGACTTCTC
GGCGGCCACGCAGCCCGTGGCAAGGGTCTTGGTGCCAAAAGGTGATCAAATCTCAGCTAAATGTGTCT
TCTGTCACTGAGCAGAATGCATATAGAGCAGGTCTTACGCCCGTCAGCAAGTGGCAAGCCTATGGACTCA
AAGGCTATCCTGGGTTTATTTTATCCCAAACCCCTTCTCCAGGTTACCAAGTGGCAAGCCTATGGACTCA
GTGCCTTAAGTTATATTCCAGAAACCTAATGTATGTAACCTGGACAAACACATGTCTAAAGAAGAGACC
CAAGATCTGTGGGAACAGAGCAAAGAGTTCTGAGGTATAAAGAAGCGACTAAACGGAGACCCCGAAGTT
TACTGGAGAACTGCGTTGGGTGACCGTAGGCTACCATTATAACTGGGACAGTAAGAAATACTCAGCAGA
TCATTACACACCTTTCCTTCTGACCTGGGTTTCTCTCAGAGCAAGTAGCCGCTGCCTGTGGATTTGAG
GATTTCCGAGCTGAAGCAGGGATCCTGAATTACTACCGCTGGACTCCACTGGGAATCCACGTAGACA
GATCTGAGCTAGATCACTCAAACCTTGCTGTCACTTCAAGTGGACAGTCCGCCATCTTCTCCTGGG
TGGTCTTCAAAGGGATGAGGCCCCACGCCATGTTTATGCACAGTGGTACATCATGATAATGTCGGGT
TTCAGCCGCTCTTGAACACGCAGTCCCTCGTGTCTTCAAATCCAGAAGGGGAAGGCCTGCCTCACT
GCCTAGAGGCACCTCTCCTGTGTCTCCGAGAGATTCAATGGTAGAGCCTTGTCTATGGAGGACTG
GCAGGTGTGTCCAGCTACTTGAAGACCGCTCGTGTTAATGACTGTCCGACAGGTCTGGCCACAGAC
CAGAAATTTCCCTCTAGAACCCATCGAGGATGAAAAAGAGACATCAGTACAGAAGGTTTCTGCCATCTGG
ATGACCAGAATAGCGAAGTAAACGGGCCAGGATAAACCTCACAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206529 protein sequence Red=Cloning site Green=Tags(s) MGKMAAVGSVATLATEPGEDAFRKLFRFYRQSRPGTADLEGVIDFSAHAARGKGPGAQKVIKSQLNVS SVSEQNAYRAGLQPVSKWQAYGLKGYPGFIFIPNPFLPGYQWHWVKQCLKLYSQKPNVCNLDKHMSKEET QDLWEQSKEFLRYKEATKRRPRSLLEKLRWVTVGYYHYNWDSKKYSADHYTPFPSDLGFLSEQVAAACGFE DFRAEAGILNYYRLDSTLGIHVDRSELDHSPKLLSFSFGQSAIFLLGGLQRDEAPTAMFMHSGDIMIMSG FSRLLNHAVPRVLPNPEGEGLPHCLEAPLPAVLPRDSMVEPCSMEDWQVCASYLKTARVNMTVRQVLATD QNFPLEPIEDEKRDISTEGFCHLDDQNSEVKRARINPHS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006020
ORF Size:	1167 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_006020.2</u> , <u>NP_006011.2</u>
RefSeq Size:	2585 bp
RefSeq ORF:	1170 bp
Locus ID:	8846
UniProt ID:	<u>Q13686</u>
Cytogenetics:	14q24.3
MW:	43.9 kDa