

Product datasheet for **RC207365A1V**

Human KBTBD2 (NM_015483) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KBTBD2 (NM_015483) AAV Particle
Tag:	Myc-DDK
Symbol:	KBTBD2
Synonyms:	BKLHD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207365 representing NM_015483
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCCAACAGACGAGAGGCAGATCAATACTGAATATGCTGTGTCATTGTTGGAACAGTTGAACTGT
 TTTATGAACAGCAGTTGTTTACTGACATAGTGTTAATTGTTGAGGGCACTGAATCCCTTGTCTAAGAT
 GGTTCTTGCAACATGTAGCTCTTATTTAGGGCCATGTTTATGAGTGGACTAAGTGAAAGCAAACAAACC
 CATGTACACCTGAGGAATGTCGATGCTGCCACCTTACAGATAATAATACTTATGCATACACGGGTAAC
 TGGCAATGAATGACAGCACTGTAGAAGCTTTATGAAACAGCTTGCTTCTACAGGTAGAAGATGTGTT
 ACAACGTTGTCGAGAATATTTAATTAATAAATAAATGCAGAGAATTGTGTACGATTGTTGAGTTTTGCT
 GATCTCTTCAGTTGTGAGGAATTAACAGAGTGCTAAAAGAATGGTGGAGCACAAGTTCAGTCTGTGT
 ATCATAAGGACGCGTTCATGCAGCTGTACATGACCTACTGATAGATATTCTCAGTAGTGACAATTTAA
 TGTAGAAAAGGAAGAAACCGTTCGAGAAGCTGCTATGCTGTGGCTAGAGTATAACACAGAATCAGATCC
 CAGTATTTGTCTTCTGTTCTTAGCCAAATCAGAATTGATGCACCTTCAGAAGTAACACAGAGAGCTTGGT
 TTCAAGGTCTGCCACCAATGATAAGTCAGTGGTGGTTCAAGGTCTGTATAAGTCCATGCCCAAGTTTT
 CAAACCAAGACTTGGGATGACTAAAGAGGAAATGATGATTTTCATTGAAGCATCTTCAGAAAATCCTTGT
 AGTCTTTACTCTTCTGTCTGTTACAGCCCCAAGCAGAAAAAGTTTACAAGTTATGTAGCCCACAGCTG
 ATTTGCATAAGGTTGGGACCGTTGTAACCTCTGATAATGATATCTACATAGCAGGGGTCAGTTCTCT
 GAAAAACAAAAACAAATCACAGTAAACAAGCAAACTTCAGACTGCCTTCAGAACTGTGAATTGCTTT
 TATTGGTTTGATGCACAGCAAAATACCTGGTTTCCAAAGACCCCAATGCTTTTGTCCGCATAAAGCCAT
 CTTTGGTTTGCTGTGAAGGCTATATCTATGCAATTGGAGGAGATAGCGTAGGTGGAGAACTTAATCGGAG
 GACCGTAGAAAGATACGACACTGAGAAAGATGAGTGGACGATGGTAAGCCCTTTACCTTGTGCTTGGCAA
 TGGAGTGCAGCAGTTGTGGTTCATGACTGCATTTATGTGATGACACTGAACCTCATGTACTGTTATTTTC
 CAAGGTCTGACTCATGGGTAGAAATGGCCATGAGACAGACTAGTAGGTCTTTGCTTCAGCTGCAGCTTT
 TGGTGATAAAATTTTCTATATTGGAGGTTGCATATTGCTACCAATTCGGGCATAAGACTCCCCTCTGGC
 ACTGTAGATGGGTCTTCAGTAACGTGGAAATTTATGATGTGAATAAAATGAGTGGAAATGGCAGCCA
 ACATCCCTGCTAAGAGGTACTCTGACCCCTGTGTAGAGCTGTTGTGATCTCAAATCTCTATGTGTGTT
 TATGCGAGAAACCACTTAATGAGCGAGCTAAATATGTCACCTACCAATATGACCTGGAACCTTGACCGG
 TGGTCTCTGCGGCAGCATATATCTGAACGTGTACTGTGGGACTTGGGAGAGATTTTCGATGCACGTGG
 GGAAACTCTATCCATCCTGCCTGAAGAGTATCCATGGAACCACTTATCTTTTTCAACGGATGG
 GACAGAAGAGTTGAACTGGATGGAGAAATGGTTGCACTACCACCTGTA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSTQDERQINTEYAVSLLEQLKLFYEQQLFDTIVLIVEGTEFPCHKMVLATCSSYFRAMFMSGLSESKQT
 HVHLRNVDAATLQIIITYAYTGNLAMNDSTVEQLYETACFLQVEDVLQRCREYLKIKINAENCVRLLSFA
 DLFSCSELKQSAKRMVEHKFTAVYHKDAFMQLSHDLLIDILSSDNLNVEKEETVREAAMLWLEYNTESRS
 QYLSSVLSQIRIDALSEVTQRAWFQGLPPNDKSVVVQGLYKSMKFFKPRLGMTKEEMMIFIEASSENPC
 SLYSSVCYSPQAEKVYKLCSPPADLHKVGTVTPDNDIYIAGGQVPLKNTKTNHSTSKLQTAFTVNCF
 YWFDAQNTWFPKTPMLFVRIKPSLVCEGYIYAIGGDSVGGELNRRRTVERYDTEKDEWMTMVSPLPCAWQ
 WSAVVVHDCIYVMTLNLMYCYFPRSDSWVEMAMRQTSRSFASAAAFGDKIFYIGGLHIATNSGIRLPSG
 TVDSSVTVEIYDVNKNEWKMAANIPAKRYSDPCVRVVISNSLCVFMRETHLNERAKYVYTYQYDLELDR
 WSLRQHISERVLWDLGRDFRCTVGKLYPSCLEEPWKPTTYLFSTDGTEEFELDGEMVALPPV

SGPTRTRRL**EQKLISEEDLAANDILDYKDDDDKV**

Species:

Human

Serotype:	AAV-2
ACCN:	NM_015483
ORF Size:	1869 bp
Buffer:	PBS with 0.001% Pluronic F6045
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_015483.2</u>
RefSeq Size:	3710 bp
RefSeq ORF:	1872 bp
Locus ID:	25948
UniProt ID:	<u>Q8IY47</u>
Cytogenetics:	7p14.3
MW:	71.8 kDa