

Product datasheet for **RC217783A1V**

Human KBTBD12 (NM_207335) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KBTBD12 (NM_207335) AAV Particle
Tag:	Myc-DDK
Symbol:	KBTBD12
Synonyms:	KLHDC6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC217783 representing NM_207335
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTGCAAGATTGAGGGAAAAGAAAAATACCAACATAGCTTGAATTTACTGAATAAAATTCAGAACA
 TGAAAGAATTAGCAGAAATGATTGATGTGGTACTCACAGCAGAAGGAGAGAAATTCCTTGCCACAGACT
 GGTCTGGCTGCATTTAGCCCTTATTTCAAAGCTATGTTACCTGTGGACTACTTGAATGTAATCAAAGG
 GAAGTCATACTTTATGACATCACAGCAGAAAGTGTGTCGGTGTATTAAATTACATGTACAATGCAGCTT
 TGGAGATCAATAATGCCAATGTACAGACTGTAGCTATGGCTGCCTATTTTATGCAGATGGAAGAAGTCTT
 CAGTGTGTGTCAAAAATATATGATGGACCACATGGATGCCTCCAAGTGTAGGTATCTATTATTTTGA
 AAGCAGATTGGAGCTGAAGATTTATCTGATCGATCAAAGAAATATTTATATCAGCACTTTGCCGAGGTGA
 GCTTACATGAAGAAATACTAGAAATCGAAGTGCACCAATTTTGGACCTATTAATCAGATGATCTTAA
 CATATCCAGAGAAGAGAGCAATTCTGGACTTAGTTCTGAGATGGGTAAATCATAACAAAGAATTGCGTACA
 GTGCATCTTGTTGAGCTTTTGAAGCAAGTCAGATTGGAACCTGTAAATCCTTCTTTTTTAAAGACAAGCCC
 TAAGAAGGAACACAATGCTTCTGTGTGATGCAGATTGTGTTGACATAATTCAAAATGCATTCAAAGCCAT
 CAAGACACCCCAACAGCACTCTCTAAATCTGCGCTATGGTATGGAGACTACCACTCTTCTGCTTTGCATT
 GGCAACAATCTCTCAGGAATCAGATCAAGACATAGGAGCTATGGGGATGCCAGTTTTTGTATGATCCTG
 TATCACGGAAAACCTATTTATCTCATCTCCCAAGTACGGAGAGGGTTTAGGAACTGTGTGACTGGTGT
 TGTGATGGAAAATAACTATAATTGTGGCTGGAGAAGCAAGTGCCTCTAACTCTCTAGACAAAAGAAC
 AAGAATGTTGAAATTTATAGGTATCATGATAGAGGAAACCAAGTTTGGGAAAAGTTATGCACAGCTGAAT
 TTCGAGAAGTCTATGCTCTGGGCAGTATTCATAATGACCTTTATGTTATAGGAGGACAGATGAAAATTA
 AAACCATATCTTATTACAAACTGTGTTGATAAGTACTCTGTAGAACGGGACAATTGGAAAAGGGTGTCT
 CCCCTTCCACTGCAATTGGCATGTGCTGTAGTGACAGTGAATAATAAACTTTATGTAATTGGAGGCT
 GGACCCCTCAGATGGATCTTCTGATGAAGAACCTGATCGATTAAGCAACAACTGTTGCAGTATGACCC
 CAGCCAAGATCAATGGAGTGTGCGGGCACCCATGAAGTACTCTAAGTACCGATTCAGTACAGCTGTAGTC
 AACAGTGAGATTTATGTTTTGGGTGGCATTGGCTGTGTAGGTCAAGACAAGGGCCAGGTTGAAAATGCC
 TTGACGTGGTGGAGATCTACAACCCAGATGGGACTTTTGGCGAGAGGGCCCTCCCATGCCAAGTCCCCT
 CCTCTCACTCCGCACCAATCCACCAATGCAGGGCAGTGGATGGGAACTCTATGTCTCGGGGGATTCT
 CATGGAGCAGATCGCCATGAGGTTATCTCCAAAGAAATATTGGAAGTGGACCATGGGAAAACCAAGTGA
 ATGTTGTAGCCATCAACGTCCTCATGCATGACAGCTATGATGTCTGCCTAGTAGCCAGGATGAATCCCCG
 AGACCTCATCCCCCGCCTTCAGATTTGGTGAAGAAGGAATGAGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MECKIEGKEKYQHSLLNKKIQNMKELAEIMDVLTAEGEKFPCHRLVLAASPYFKAMFTCGLLECNQR
 EVILYDITAESVSVLLNMYNAALEINNANVQTVMAAAYFMQEEVFSVCQKYMMDHMDASNCLGIYYFA
 KQIGAEDLSDRSKKYLYQHFAEVSLEHIEIEVHQFLTLIKSDDLNISREESILDLVLRWVNHKELRT
 VHLVELLKQVRELVNPSFLRQALRRNTMLLCDADCVDIIQNAFKAIKTPQQHSLNLRVYGMETTSLLLCI
 GNNSSGIRSRHSYGDASFCDPVSRKTYFISSPKYGEGLGTVCTGVVMENNTIIVAGEASASKLSRQKN
 KNVEIYRYHNRGNQFWEKLCTAEFRELALGSIHNDLYVIGGQMKIKNQYLITNCVDKYSVERDNWKRVS
 PLPLQLACHAVVTNNKLYVIGGWTPQMDLPDEEPDRLSNKLLQYDPSQDQWSVRAPMKYSKYRFSTAVV
 NSEIYVLGGIGCVGQDKGQVRKCLDVVEIYNPDGDFWREGPPMPSPLLRLTNSTNAGAVDGLKYCGGF
 HGADRHEVISKEILELDPWENQWNVVAINVLMHDSYDVCLVARMNPRDLIPPPSDLVEEGNEH

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_207335
ORF Size:	1869 bp
Buffer:	PBS with 0.001% Pluronic F7741
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_207335.2</u>
RefSeq Size:	5268 bp
RefSeq ORF:	1872 bp
Locus ID:	166348
UniProt ID:	<u>Q3ZCT8</u>
Cytogenetics:	3q21.3
MW:	70.9 kDa