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Product datasheet for RC211033A1V

Human BEST4 (NM_153274) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	BEST4
Synonyms:	VMD2L2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC211033 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACGGTTTCATACACTCTCAAAGTGGCGGAGGCCCGCTTCGGAGGTTTCTCTGGCCTGCTTCTCCGCT
GGAGGGGAAGCATCTACAAGCTCCTCTACAAGGAATTCCTCCTCTTTGGGGCCTTGTACGCTGTGCTTAG
CATCACCTACCGGCTGCTGCTGACCCAGGAGCAGAGGTACGTGTATGCTCAGGTGGCCCGGTACTGCAAC
CGCTCAGCAGACCTCATTCCCTTGTCCTTTGTATTGGGTTTCTATGTGACTCTCGTGGTGAACCGCTGGT
GGTCCCAGTACACAAGCATCCCGCTGCCAGACCAGCTGATGTGCGTCATCTCGGCTAGCGTGCACGGCGT
GGACCAGCGGGGCCGCCTGCTGCGCCGCACCCTCATCCGCTACGCGAACCTGGCGTCCGTGCTGGTGCTG
CGCTCGGTCAGCACCCGCGTGCTTAAGCGCTTCCCCACCATGGAGCACGTGGTGGATGCAGGTTTCATGT
CCCAGGAAGAGAGGAAAAAGTTTGAGAGCCTGAAATCCGACTTCAACAAGTACTGGGTCCCCTGCGTCTG
GTTCACCAACCTGGCGGCCCAGGCCCGGAGGGACGGGCGAATACGTGACGATATCGCTCTCTGTCTACTT
TTGGAAGAGCTGAACAAGTACCGAGCCAAGTGCAGCATGCTATTCCACTATGACTGGATCAGCATCCCCC
TCGTCTACACCCAAGTGGTGACCATAGCCGTCTACTCTTTCTTTGCCCTCTCCCTGGTTGGCCGCCAGTT
TGTGGAGCCAGAGGCAGGGGCTGCCAAACCTCAGAAGCTTCTGAAGCCAGGCCAGGAGCCAGCCCCAGCC
CTGGGAGACCCGGACATGTACGTGCCTCTCACCACTCTGCTGCAGTTCTTCTTCTATGCTGGCTGGCTCA
AGGTGGCTGAACAGATCATCAACCCATTTGGTGAGGATGATGACGACTTTGAGACAAATCAGCTCATAGA
CCGCAACTTGCAGGTGTCCCTGCTATCCGTGGACGAAATGTACCAGAACCTTCCCCCCGCTGAGAAGGAC
CAGTACTGGGATGAGGACCAGCCGCAGCCACCCTACACTGTGGCCACGGCGGCCGAGTCTCTGCGGCCCT
CATTCCTGGGCTCCACCTTCAACCTGCGCATGAGCGACGACCCTGAGCAGAGCCTGCAGGTGGAGGCGTC
CCCCGGATCTGGTCGGCCCGCGCCCGCCGCGCAGACCCCGTTGCTCGGCCGCTTCCTGGGCGTAGGGGCG
CCCTCCCCGGCCATCAGCCTCCGGAACTTCGGCCGCGTGCGAGGCACCCCCCGCCCCCCGCATCTGCTGC
GCTTCCGGGCGGAGGAGGGCGGCGACCCCGAGGCCGCAGCCCGCATCGAGGAGGAATCGGCGGAGTCCGG
GGACGAGGCCCTGGAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211033 protein sequence
Red=Cloning site Green=Tags(s)

MTVSYTLKVAEARFGGFSGLLLRWRGSIYKLLYKEFLLFGALYAVLSITYRLLLTQEQRYVYAQVARYCN
RSADLIPLSFVLGFYVTLVVNRWWSQYTSIPLPDQLMCVISASVHGVDQRGRLLRRTLIRYANLASVLVL
RSVSTRVLKRFPTMEHVVDAGFMSQEERKKFESLKSDFNKYWVPCVWFTNLAAQARRDGRIRDDIALCLL
LEELNKYRAKCSMLFHYDWISIPLVYTQVVTIAVYSFFALSLVGRQFVEPEAGAAKPQKLLKPGQEPAPA
LGDPDMYVPLTTLLQFFFYAGWLKVAEQIINPFGEDDDDFETNQLIDRNLQVSLLSVDEMYQNLPPAEKD
QYWDEDQPQPPYTVATAAESLRPSFLGSTFNLRMSDDPEQSLQVEASPGSGRPAPAAQTPLLGRFLGVGA
PSPAISLRNFGRVRGTPRPPHLLRFRAEEGGDPEAAARIEEESAESGDEALEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_153274

ORF Size: 1419 bp

Buffer: PBS with 0.001% Pluronic F68

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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:	NM_153274.2
RefSeq Size:	2096 bp
RefSeq ORF:	1422 bp
Locus ID:	266675
UniProt ID:	Q8NFU0
Cytogenetics:	1p34.1
MW:	53.5 kDa

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