

Product datasheet for **RC218436A1V**

Human Bestrophin 3 (BEST3) (NM_152439) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Bestrophin 3 (BEST3) (NM_152439) AAV Particle
Tag:	Myc-DDK
Symbol:	Bestrophin 3
Synonyms:	VMD2L3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218436 representing NM_152439
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACAACAGATGAAAGGAAATTATTCAACCACCTCAAGTCTCCTCATCTGAAATATTGGTTCCATTCA
 TCTGGTTTGAAATCTTGCAACTAAAGCCCGGAATGAAGTAGAATCAGAGACAGTGTTGATCTGCAATC
 ATTGATGACTGAAATGAATCGATACCGCTCTTGGTGCAGCCTCTTATTCGGTTATGACTGGGTTGGGATT
 CCGCTGGTTTACACCCAGGTAGCAGAGCAGCTTATCAACCCTTTTGGAGAAGATGATGATGATTTTGAAA
 CTAAGTGGTGCATTGACAGAAATTTGCAGGTCTCTCTTTAGCTGTGGACGAAATGCACATGAGCTTACC
 CAAGATGAAGAAGGACATTTACTGGGACGATTCTGCTGCTCGCCACCATACACATTGGCAGCTGCTGAC
 TACTGCATACCTCATTTCTGGGTCAACAGTCCAGATGGGGTGTCTGGGTCCGACTTTCTGACGAGG
 AGTGGCTGTGGGATTATGAGAAGCATGGCCATCGGCATTCCATGATAAGAAGAGTCAAGCGGTTCTGAG
 TGCCACGAAACACCCCTCCAGCCCCAGAAGAAGCTACAGGAGGCAGACAAGTGACAGCTCCATGTTT
 TTACCCCGAGATGACCTCAGCCAGCCAGGGACCTACTGGATGTGCCCTCAAGAAACCCCCCAGGGCCT
 CACCCACCTGGAAGAAATCCTGCTTCCAGAAGGAAGCCACGCTGCACTTCAGCATGGGAGAGCTGTC
 CACCATCAGGGAGACCAGCCAGACAAGCACTTTACAGAGCCTGACCCACAGTCCAGTGTGAGAACTTCC
 CCCATCAAAATGCCACTGGTACCTGAGGTATTGATCACAGCAGCCGAAGCACCAGTGCACATCAGGGG
 GCTACCACCATGATTCCGCTACCTCCATCTTGAGCTCTGAGTTTACAGGGGTTACGCCAAGCAAGACTGA
 GCAGCAGCAGGGCCCCATGGGATCCATCCTGTCTCCCTCAGAGAAGGAGACACCTCTGGAGGCCCCAGT
 CCCCAGACAGTTTCAGCCAGCGCTGAGGAAAATATATTCAACTGTGAAGAAGACCCTGGTGATACCTTTC
 TAAAAAGGTGGAGTCTTCCGGGATTCTGGGGTCCAGCCACACTTCCCTGGGAAACCTAAGTCCAGACCC
 CATGAGCTCTCAGCCAGCTCTTTTAATTGACACAGAAACATCCTCAGAGATCAGTGGGATCAACATTGTG
 GCTGGCTCTCAGTCTCTTCTGATATGCTGATTATTAATGGAACCTGGACACCAAGGAAACAGATATCA
 TAGAGCTGAACAAGGAACTGAGGAATCACCCAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218436 representing NM_152439
 Red=Cloning site Green=Tags(s)

MTTDERKLFNHLKSPHLKYWVPFIWFGNLATKARNEGRIRDSVDLQSLMTEMNRYRSWCSLLFGYDWVGI
 PLVYTQVAEQLINPFGEDDDDFETNWCIDRNQVSLLAVIDEMHMSLPKMKKDIYWDSSAARPPYTLAAAD
 YCIPSLGSLVQMGSLGSDFPDEEWLWDYEKGHRHSMIRRVKRFSLAHEHPSSPRRRSYRRQTSDDSMF
 LPRDDLSPARDLLDVPSRNPASPTWKKSCFPEGSPTLHFSMGELSTIRETSQTSTLQSLTPQSSVRS
 PIKMPLVPEVLITAAEAPVPTSGGYHDSATSILSSEFTGVQPSKTEQQQGPMSILSPSEKETPPGGPS
 PQTVSASAEENIFNCEEDPGDTFLKRWSLPGFLGSSHTSLGNLSPDPMSSQPALLIDTETSSEISGINIV
 AGSRVSSDMLYLMENLDTKETDIIELNKETTESPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_152439

ORF Size:

1365 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_152439.2, NP_689652.2</u>
RefSeq Size:	2898 bp
RefSeq ORF:	1368 bp
Locus ID:	144453
UniProt ID:	<u>Q8N1M1</u>
Cytogenetics:	12q15
MW:	50.8 kDa