

Product datasheet for **RC207153A1V**

Human TFEB (NM_007162) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TFEB (NM_007162) AAV Particle
Tag:	Myc-DDK
Symbol:	TFEB
Synonyms:	ALPHATFEB; BHLHE35; TCFEB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207153 representing NM_007162
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGTCACGCATAGGGTTGCGCATGCAGCTCATGCGGAGCAGGCGCAGCAGGAGGAGCAGCGGGAGC
 GCATGCAGCAACAGGCTGTCATGCATTACATGCAGCAGCAGCAGCAGCAACAGCAGCAGCTCGGAGG
 GCCGCCACCCCGCCATCAATACCCCGTCCACTTCCAGTCGCCACCACCTGTGCCTGGGGAGGTGTTG
 AAGGTGCAGTCTACCTGGAGAATCCCACATCTACCATCTGCAGCAGTCGCAGCATCAGAAGGTGCGGG
 AGTACCTGTCCGAGACCTATGGGAACAAGTTTGTGCCCCACATCAGCCCAGCCAGGGCTCTCCGAAACC
 CCCACCAGCCGCTCCCAGGGGTGCGAGCTGGACACGTGCTGTCTCTCCGCTGGCAACAGTGCTCCC
 AATAGCCCCATGGCCATGCTGCACATTGGCTCCAACCCTGAGAGGGAGTTGGATGATGTCATTGACAACA
 TTATGCGTCTGGACGATGTCTTGGCTACATCAATCCTGAAATGCAGATGCCAACACGCTACCCCTGTC
 CAGCAGCCACCTGAATGTGTACAGCAGCGACCCCAGGTCACAGCCTCCCTGGTGGGCGTCACCAGCAGC
 TCCTGCCTGCGGACCTGACCCAGAAGCGAGAGCTCACAGATGCTGAGAGCAGGGCCCTGGCCAAGGAGC
 GGCAGAAGAAAGACAATCACAATTAATTGAAAGGAGACGAAGGTTCAACATCAATGACCGCATCAAGGA
 GTTGGGAATGCTGATCCCCAAGGCCAATGACCTGGACGTGCGCTGGAACAAGGGCACCATCCTCAAGGCC
 TCTGTGGATTACATCCGAGGATGCAGAAGGACCTGCAAAAGTCCAGGGAGCTGGAGAACCCTCTCGCC
 GCCTGGAGATGACCAACAAGCAGCTCTGGCTCCGTATCCAGGAGCTGGAGATGCAGGCTCGAGTGACCGG
 CCTCCCTACCCTCCCGTCCGGCATGAACATGGCTGAGCTGGCCAGCAGGTGGTGAAGCAGGAGCTG
 CCTAGCGAAGAGGGGCCAGGGGAGGCCCTGATGCTGGGGGTGAGGTCCCTGACCCTGAGCCACTGCCAG
 CTCTGCCCCGCAAGCCCCGCTGCCCTGCCACCCAGCCACCATCCCCATTCCATCAGCTGGACTTCAG
 CCACAGCCTGAGCTTTGGGGGACGGGAGGAGCAGGGGTCCCCCGGGCTACCCCGAACCCTGGCGCCGGGG
 CATGGCTCCCCATTCCCAGCCTGTCCAAGAAGGATCTGGACCTCATGCTCCTGGACGACTCACTGCTAC
 CGCTGGCCTCTGATCCACTTCTGTCCACCATGTCCCCGAGGCCTCAAGGCCAGCAGCCGCCGGAGCAG
 CTTACGATGGAGGAGGCGATGTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207153 representing NM_007162
 Red=Cloning site Green=Tags(s)

MASRIGLRMQLMREQAQEEQRERMQQQAVMHYMQQQQQQQQLGGPPTPAINTPVHVFQSPPPVPGEV
 KVQSYLENPTSYHLQQSQHQKVREYLSETYGNKFAAHISPAQGSPPKPPAASPGVRAGHVLSSSAGNSAP
 NSPMAMLHIGSNPERELDDVIDNIMRLDDVLGYINPEMQMPNTLPLSSSHLNVYSSDPQVTASLVGVTSS
 SCPADLTQKRELDAESRALAKERQKDNHNLIERRRRFNINDRIKELGMLIPKANDLVRWNKGITLKA
 SVDYIRRMQKDLQKSRELENHSRRLEMTNKQLWLRIQELQARVHGLPTTSPSGMNMELAQQVVKQEL
 PSEEGPGEALMLGAEVPDPEPLPALPPQAPLPLPTQPPSPFHHLDFSHLSFGGREDEGPPGYPEPLAPG
 HGSPFPLSKKDLMLLDDSLPLASDPLSTMSPEASKASSRRSSFMEEGDVL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_007162

ORF Size:

1428 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_007162.1</u>
RefSeq Size:	2364 bp
RefSeq ORF:	1431 bp
Locus ID:	7942
UniProt ID:	<u>P19484</u>
Cytogenetics:	6p21.1
MW:	52.9 kDa