

Product datasheet for **RC211586A1V**

Human MITF (NM_198177) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MITF (NM_198177) AAV Particle
Tag:	Myc-DDK
Symbol:	MITF
Synonyms:	bHLHe32; CMM8; COMMAD; MI; WS2; WS2A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211586 representing NM_198177
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCGCTTAGAGTTCAGATGTTTCATGCCATGCTCCTTTGAAAGCTTGTATCTCAGTTCGCCGAGC
 ATCCTGGGGCCTCCAAGCTCCGATAAGCTCCTCCAGTATGACATCACGCATCTTGCTACGCCAGCAACT
 CATGCGTGAGCAGATGCAGGAGCAGGAGCGCAGGGAGCAGCAGAGAAGCTGCAGGCGGCCAGTTCATG
 CAACAGAGAGTGCCTGAGTGCAGACCCAGCCATAAACGTCAGTGTGCCACCACCCTTCCCTCTGCCA
 CGCAGGTGCCGATGGAAGTCTTAAGGTGCAGACCCACCTCGAAAACCCACCAAGTACCACATACAGCA
 AGCCCAACGGCAGCAGGTAAAGCAGTACCTTTCTACCCTTTAGCAAATAAACATGCCAACCAAGTCTG
 AGCTTGCCATGTCCAACCAGCCTGGCGATCATGTGCATGCCACCGGTGCCGGGAGCAGCGCACCCAACA
 GCCCATGGCTATGCTTACGCTTAAGTCAACTGTGAAAAGAGGGATTTATAAGTTTGAAGAGCAAAA
 CAGGGCAGAGAGCGAGTCCCAGGCATGAACACACATTACGAGCGTCTGTATGCAGATGGATGATGTA
 ATCGATGACATCATTAGCCTAGAATCAAGTTATAATGAGGAAATCTTGGGCTTGATGGATCCTGCTTTGC
 AAATGGCAAATACGTTGCCTGTCTCGGGAACTTGATTGATCTTTATGAAACCAAGGTCTGCCCCACC
 AGGCCTCACCATCAGCAACTCCTGTCCAGCCAACCTTCCAACATAAAAAGGGAGCTCACAGAGTCTGAA
 GCAAGAGCACTGGCCAAAGAGAGGCAGAAAAAGGACAATCACAACTGATTGAACGAAGAAGAAGATTTA
 ACATAAATGACCGCATTAAAGAAGTACTTTGATTCCAAGTCAAATGATCCAGACATGCGCTGGAA
 CAAGGGAACTCTTAAAGCATCCGTGGACTATATCCGAAAGTTGCAACGAGAAGCAGCAACGCGCAAAA
 GAATTTGAAAACCGACAGAAGAACTGGAGCAGCCAAACCGGCATTTGTTGCTCAGAATACAGGAACTTG
 AAATGCAGGCTCGAGCTCATGGACTTCCCTTATCCATCCACGGGTCTCTGCTCTCAGATTTGGTGAA
 TCGGATCATCAAGCAAGAACCCTTCTTGAGAAGTGCAGCCAAGACCTCCTTCAGCATCATGCAGACCTA
 ACCTGTACAACAACCTCTCGATCTCACGGATGGCACCATCACCTTCAACAACAACCTCGGAACTGGGACTG
 AGGCCAACCAAGCCTATAGTGTCCCAAAAAATGGGATCCAACTGGAAGACATCCTGATGGACGACAC
 CCTTTCTCCGTCGGTGTCACTGATCCACTCCTTCTCAGTGTCCCGGAGCTTCCAAAAAAGCAGC
 CGGAGGAGCAGTATGAGCATGGAAGAGACGGAGCACACTTGT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211586 representing NM_198177
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MEALRVQMFMPCSFESLYLSSAEHPGASKPPISSSSMTRSILLRQQLMREQMQEQERREQQKLQAAQFM
 QQRVPSQTPAINVSVPTLPSATQVPMELVKVQTHLENPTKYHIQQAQRQVKQYLSTLANKHANQVL
 SLPCPNQPGDHVMPVPGSSAPNSPMAMLTLSNCEKEGFYKFEEQNRAESECPGMNTHSRASCMQDDV
 IDDIISLESSYNEEILGLMDPALQMANTLPVSGNLIDL YGNQGLPPPGLTISNSCPANLPNIKRELTESE
 ARALAKERQKKNHNLIERRRFNINDRIKELGLIPKSNPDMRWKGTILKASVDYIRKLQREQORAK
 ELENRQKLEHANRHLRLRIQELEMQARAHGLSLIPSTGLCSPDLVNRIKQEPVLENCSDLLQHHADL
 TCTTTLDLTDGTFITFNNLGTGTANQAYSVPTKMGSKLEDILMDDTLSPVGVTDPLLSVSPGASKTSS
 RRSSMSMEETEHTC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_198177

ORF Size:

1512 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_198177.1</u>
RefSeq Size:	4624 bp
RefSeq ORF:	1515 bp
Locus ID:	4286
UniProt ID:	<u>O75030</u>
Cytogenetics:	3p13
MW:	56.2 kDa