

Product datasheet for RC209561A1V

Human MITF (NM_000248) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human MITF (NM_000248) AAV Particle
Tag: Myc-DDK
Symbol: MITF
Synonyms: bHLHe32; CMM8; COMMAD; MI; WS2; WS2A
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC209561 representing NM_000248
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCTGGAAATGCTAGAATATAATCACTATCAGGTGCAGACCCACCTCGAAAACCCACCAAGTACCACA
 TACAGCAAGCCCAACGGCAGCAGGTAAGCAGTACCTTTCTACCACTTTAGCAAATAAACATGCCAACCA
 AGTCCTGAGCTTGCCATGTCCAAACCAGCCTGGCGATCATGTCATGCCACCGGTGCCGGGGAGCAGCGCA
 CCCAACAGCCCATGGCTATGCTTACGCTTAACTCCAAGTGTGAAAAAGAGGGATTTTATAAGTTTGAAG
 AGCAAAACAGGGCAGAGAGCGAGTGCCAGGCATGAACACACATTACGAGCGTCTGTATGCAGATGGA
 TGATGTAATCGATGACATCATTAGCCTAGAATCAAGTTATAATGAGGAAATCTTGGGCTTGATGGATCCT
 GCTTTGCAAATGGCAAATACGTTGCCTGTCTCGGAAACTTGATTGATCTTTATGGAAACCAAGGTCTGC
 CCCCACAGGCCTCACCATCAGCAACTCCTGTCCAGCCAACTTCCCAACATAAAAAAGGAGCTCACAGC
 GTGATTTTTCCACAGAGTCTGAAGCAAGAGCACTGGCCAAAGAGAGGCAGAAAAAGGACAATCACAAC
 CTGATTGAACGAAGAAGAAGATTTAACATAAATGACCGCATTAAAGAAGTACTTTGATTCCCAAGT
 CAAATGATCCAGACATGCGCTGGAACAAGGGAACCATCTTAAAGCATCCGTGGACTATATCCGAAAGT
 GCAACGAGAACAGCAACGCGCAAAAGAAGTGTAAAACCGACAGAAGAACTGGAGCACGCCAACCCGCAT
 TTGTTGCTCAGAATACAGGAAGTGAATGCAGGCTCGAGCTCATGGACTTTCCCTTATCCATCCACGG
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 CCTCCTCAGCATCATGCAGACCTAACCTGTACAACAACCTCTCGATCTCACGGATGGCACCATCACCTTC
 AACAAACACTCGAACTGGGACTGAGGCCAACCAAGCCTATAGTGTCCCACAAAAATGGGATCCAAAC
 TGGAAGACATCCTGATGGACGACACCCTTTCTCCCGTCGGTGTCACTGATCCACTCCTTTCTCAGTGT
 CCCCAGGCTTCCAAAACAAGCAGCCGGAGGAGCAGTATGAGCATGGAAGAGACGGAGCACACTTGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC209561 representing NM_000248
 Red=Cloning site Green=Tags(s)

MLEMLEYNHYQVQTHLENPTKYHIQQAQRQVKQYLSTTLANKHANQVLSLPCPNQPGDHVMPVPGSSA
 PNSPMAMLTLSNCEKEGFYKFEEQNRAESECPGMNTHSRASCMQDDVIDDIISLESSYNEEILGLMDP
 ALQMANTLPVSGNLIDLYGNQGLPPPGLTISNSCPANLPNIKRELTACIFPTESEARALAKERQKKDNHN
 LIERRRRFNINDRIKELGTLIPKSNPDMRWKGTILKASVDYIRKLRQEQRAKELENRQKKLEHANRH
 LLLRIQELEMQARAHGLSLIPSTGLCSPDLVNRRIKQEPVLENCSDLLQHHADLTCTTTLDLTDGTITF
 NNNLGTGTEANQAYSVP TKMGSKLEDILMDDTLSPVGVTDPLLSSVSPGASKTSSRRSSMSMEETEHTC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_000248

ORF Size: 1257 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: [NM_000248.2](#)

RefSeq Size: 4490 bp

RefSeq ORF: 1260 bp

Locus ID: 4286

UniProt ID: [O75030](#)

Cytogenetics: 3p13

MW: 46.8 kDa