

Product datasheet for **RC213021A1V**

Human FAM63B (NM_001040450) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FAM63B (NM_001040450) AAV Particle
Tag:	Myc-DDK
Symbol:	FAM63B
Synonyms:	FAM63B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213021 representing NM_001040450
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGAGCAGCCCCGAGAGCCTGCAGCCGCTAGAACACGGGGTGGCGGCCGGGCCAGCGTCAGGGACAG
 GTTCTTCGCAGGAAGGGCTACAGGAGACCAGGCTCGCCGCTGGTGATGGTCCTGGGGTATGGGCGGCGGA
 GACCAGCGCGGAATGGGCTGGGGCGGCGGCCGAGGAGGAGCCTCCCGGACTCGGCTTCTCCCGCG
 GGCTCTCCTGAGGTTCCCGGACCCTGCAGCTCCTCCGCGGGTTTGGACTTGAAGGACAGTGGTTTGGAGA
 GTCCTGCTGCCCGGAGGCGCCTCTGAGAGGGCAGTACAAGGTGACCGCCTCCCGGAGACAGCCGTGGC
 CGGAGTGGGTATGAGTTGGGTACCGCCGAGACGCGGAGCCCGCCGGATCTCGCGGCACCTGCCAA
 GCAGAAGTACCGCCCGCGGCTCCGAAGAGCCAGCAGCGCGCGGCCCTCAGCAGCAGTTGCAGCGACC
 CGAGCCCTCCTGGGAATCTCCGAGCCTGGACTCTCTGGAGTCGTTCTTAACCTGCATTCTTTCCAG
 TAGCTGCGAGTTCAATAGTGAGGAGGGAGCGGAGAACAGGGTCCCTGAGGAGGAGAGGGCGCGCGGTG
 TTGCCCCGGGGCTTCTCTGTGCAAGGAGGAGAGGGGGAGGAGACCGCTCAGGTGCTGGCGGCCCTCA
 AGGAACGCTTCCCGGGAATCTGTGTATCACATCAAGTGGATCCAGTGAAGGAAGAGAACACACCCAT
 CATCACCCAGAATGAGAACCGGACCCTGCCCTTGTCTGGCCATCCTCAATGTTTTGCTCCTGGCCTGGAAG
 GTGAAACTTCCACCGATGATGGAATCATAACTGCTGAGCAGCTGATGGAATATTTAGGAGATTACATGC
 TTGATGCAAAAGCCAAAGAAATTTAGAAATCAACGTTTAAATTATGAACAGAAATAGAGTGATGCCAT
 GGCAATTTTGCACAACTACAGACAGGCTGGATGTAATGTAAGATTCACTGGTGTTTCGAGTGTTTGA
 TATACACCAGAATGCATAGTATTTGATCTTCTGATATTCCTTGTACCATGGGTGGTGTAGTACCCCTC
 AGATTGATGACATTGTAAAAGCTGTTGGTAAGTGCAGCTACAACCAACTAGTGGAGAAGATCATCTTTG
 TAAACAGTCAGACAATAGTGAGCTGGTTAGTGAAGGCTTTGTAGCTGAGCAGTTTCTAAATAACACAGCC
 ACTCAACTGACATACCATGGATTATGTGAATAACTTCAACGGTTCAGGAAGGAGAACTTTGTGTGTTCT
 TTCGAATAATCATTTTAGCACCATGACCAATACAAGGGTCAACTGTATTTGTTGGTAACGACGACAGGG
 GTTTCTTACTGAAGAGAAAGTTGTTGGGAAAGCCTACACAACGTAGATGGTGATGGAATTTCTGTGAC
 TCAGAATTTATCTTCGACCTCCTTCAATCTGAACTGTATACAAAGGACAACAAGATCAGATAGATC
 AGGATTATCTTATGGCATTATCTTACAACAAGAACAGCAGAGCCAAGAGATCAATTGGGAACAAATCCC
 GGAAGGAATCAGTGATTTGGAAGTACGAAAGAACTCCAAGAGGAAGAGGACAGACGGGCTTCTCAATAC
 TATCAGGAACAGGAACAAGCAGCAGCTGCTGCTGCTGCTGCTTCTACACAGGCTCAGCAGGGCCAGCCAG
 CACAAGCTCTCCATCAAGTGAAGACAATCTGGGAATAGTGAACGTAACGGAAGGAACACGAGAAAA
 AGATAAAGAAAAAGAAAGAAAAAAATAGCTGTGTTATTTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MESSPESLQPLEHGVAAGPASGTGSSQEGLQETRLAAGDGPVWAAETSGGNLGA AAAARRSLPDSASPA
 GSPEVPGPCSSSAGLDLKD SGLESPAAAEAPLRGQYKV TASPETA VAGVGH ELGTAGDAGARPDLAGTCQ
 AELTAAGSEEPSSAGLSSSCSDPSPPGESPSLDSLESFNLHSFPSSCFNSEE GAENRVPEEEEGA AV
 LPGAVPLCKEEEGEETAQVLAASKERFPQGSVYHIKWIQWKEENTPIITQNGPCPLLAILNVLLLAWK
 VKLPPMEIITAEQLMEYLDYMLDAKPKEISEIQRLNYEQNMSDAMAILHKLQTGLDVNVRFTGVRVFE
 YTECIVFDLLDIPLYHGWLVDPQIDDIVKAVGNCSYNQLVEKII SCKQSDNSELVSEG FVAEQFLNNTA
 TQLTYHGLCELSTVQEGELCVFFRNHFSMTKYKGQLYLLVTDQGF LTEEKVWESLHNV DGDGNFCD
 SEFHLRPPSDPETVYKGGQDQIDQDYLMSLQQEQQSQEI NWEQIPEGISDLELAKKLQEEEDRRASQY
 YQEQEQAAAAAAASTQAQQGQPAQASPSSGRQSGNSERKRKEPREKDKEKEKEKNSCVIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001040450
ORF Size:	1863 bp
Buffer:	PBS with 0.001% Pluronic F6976
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_001040450.1</u>
RefSeq Size:	5013 bp
RefSeq ORF:	1866 bp
Locus ID:	54629
UniProt ID:	<u>Q8NBR6</u>
Cytogenetics:	15q21.3-q22.1
MW:	66.9 kDa