

Product datasheet for **RC220901A1V**

Human FAM129B (NM_022833) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FAM129B (NM_022833) AAV Particle
Tag:	Myc-DDK
Symbol:	FAM129B
Synonyms:	bA356B19.6; C9orf88; FAM129B; MEG-3; MINERVA; OC58
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide
Sequence:

>RC220901 representing NM_022833
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGGACGTGCTGTCCACGCACCTGGACGACGCCCGGCCAGCACATCGCAGAAAAACCGGAAGA
TCCTGACGGAGTTCCTCCAGTTCTATGAAGACCAGTATGGCGTGGCTCTCTTCAACAGCATGCGCCATGA
GATTGAGGGCACGGGGCTGCCGACGGCCAGCTGCTCTGGCGCAAGGTGCCACTGGACGAGCGCATCGTC
TTCTCGGGGAACCTCTTCCAGCACAGGAGGACAGCAAGAAGTGGAGAAACCGCTTCAGCCTCGTGCCCC
ACAACTACGGGCTGGTGTCTACGAAAACAAAGCGGCCTATGAGCGGCAGGTCCCACCACGAGCCGTCAT
CAACAGTGCAGGCTACAAAATCCTCACGTCCGTGGACCAATACCTGGAGCTATTGGCAACTCCTTACCA
GGGACCACGGCAAAGTCGGGCAGTGCCCCATCCTCAAGTGCCCCACACAGTTCCCGCTCATCCTCTGGC
ATCCTTATGCGCGTCACTACTACTTCTGCATGATGACAGAAGCCGAGCAGGACAAGTGGCAGGCTGTGCT
GCAGGACTGCATCCGGCACTGCAACAATGGAATCCCTGAGGACTCCAAGGTAGAGGGCCCTGCGTTTACA
GATGCCATCCGCATGTACCGACAGTCCAAGGAGCTGTACGGCACCTGGGAGATGCTGTGTGGGAACGAGG
TGCAGATCCTGAGCAACCTGGTGTGGAGGAGCTGGGCCCTGAGCTGAAGGCAGAGCTCGGCCCGCGGCT
GAAGGGGAAACCGCAGGAGCGGCAGCGGAGTGGATCCAGATCTCGGACGCCGTGTACCACATGGTGTAC
GAGCAGGCCAAGGCGCGCTTCGAGGAGGTGCTGTCCAAGGTGCAGCAGGTGCAGCCGGCCATGCAGGCCG
TCATCCGAACGACATGGACCAATTATCACCTCCAAGGAGCACCTTGCCAGCAAGATCCGAGCCTTCAT
CCTCCCCAAGGCAGAGGTGTGCGTGCGGAACCATGTCCAGCCCTACATCCCATCCATCCTGGAGGCCCTG
ATGGTCCCCACCGCAGGGCTTCACTGAGGTGCGAGATGTCTTCTTCAAGGAGGTACGGACATGAACC
TGAAGCTCATCAACGAGGGCGGCATTGACAAGCTGGGCGAGTACATGGAGAAGCTGTCCCGGCTGGCGTA
CCACCCCTGAAGATGCAGAGCTGCTATGAGAAGATGGAGTCGCTGCGACTGGACGGGCTGCAGCAGCGA
TTTGATGTGTCCAGCACGTCCGTGTTCAAGCAGCGAGCCAGATCCACATGCGGGAGCAAATGGACAATG
CCGTGTATACGTTGAGACCTCCTGCACAGGAGCTGGGGAAGGGGCCACCAAGGAGGAGCTGTGCAA
GTCCATCCAGCGGGTCTGGAGCGGTGCTGAAGAAATACGACTACGACAGCAGCTCTGTGCGGAAGAGG
TTCTTCCGGGAGGCGCTGCTGCAGATCAGCATCCCGTTCTGCTCAAGAAGCTGGCCCTACCTGCAAGT
CGGAGCTGCCCGGTTCCAGGAGCTGATCTTCGAGGACTTGCCAGGTTTCATCCTGGTGGAAAACACGTA
CGAGGAGGTGGTGTGCAGACCGTCATGAAGGACATCCTGCAGGCTGTGAAGGAGGCCGCGGTGCAGAGG
AAGCACAACCTCTACCGGACAGCATGGTCATGCACAACAGCGACCCCAACCTGCACCTGCTGGCCGAGG
GCGCCCCCATCGACTGGGGCGAGGAGTACAGCAACAGCGCGGGGGCGGCAGCCCCAGCCCCAGCACCCC
GGAGTCAGCCACCTCTCGGAAAAGCGACGGCGCGCCAAGCAGGTGGTCTCTGTGGTCCAGGATGAGGAG
GTGGGGCTGCCCTTTGAGGCTAGCCCTGAGTCACCACCACCTGCGTCCCGGACGGTGTCACTGAGATCC
GAGGCTGTGGCCCAAGGTCTGCGGCTGAGAGCCCCCACCAGCCGGCCCCCTGCTCAACGGGGCCCC
CGCTGGGAGAGTCCCCAGCCTAAGGCCGCCCCGAGGCTCCTCGCCGCTGCTCACCCCTCCAGCAT
CTCCTGCTGAAAGGCTGTGGACCTTGGGCCCCCAAGCCAGCGACAGGAGACTGGAGAGCAGGTGT
CCAGCCCCAGCAGCCACCCGCTCCACACCACCAGGACAGTGCAGGGGTGCAGACTGAGTTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC220901 representing NM_022833 Red=Cloning site Green=Tags(s) MGDVLSTHLDDARRQHIAEKTGKILTEFLQFYEDQYGVAFNSMRHEIEGTGLPQAQLLWRKVPLDERIV FSGNLFQHQEDSKKWRNRFSLVPHNYGLVLYENKAAYERQVPPRAVINSAGYKILTSVDQYLEIGNSLP GTTAKSGSAPILKCPQTQFPLILWHPYARHYYFCMMTEAEQDKWQAVLQDCIRHCNNGIPEDSKVEGPAFT DAIRMYRQSKELYGTWEMLCGNEVQILSNLVMEEELGPELKAELGPRLKGPQERQQRWIQISDAVYHVMY EQAKARFEEVL SKVQQVQAMQAVIRTMDQIITSKEHLASKIRAFILPKAEVCVRNHVQPYIPISILEAL MVPTSQGFTEVRDVFFKEVTDMLNVLNINEGGIDKLGEYMEKLSRLAYHPLKMQSCYEKMESLRDLGLQQR FDVSSTSVFKQRAQIHMREQMDNAVYTFETLLHQELGKGPTKEELCKSIQRVLERVLKKYDYDSSSVRKR FFREALLQISIPFLKKLAPTCKSELPRFQELIFEDFARFILVENTYEEVVLQTMKDILQAVKEAAVQR KHNL YRDSMVMHNSDPNLHLLAEGAPIDWGEYSNSGGGGSPSPSTPESATLSEKRRRAKQVSVVQDEE VGLPFEASPEPPSPDGVTETIRGLLAQGLRPESPPAGPLLNAGAPAGESPQPKAAPEASSPPASPLQH LLPGKAVDLGPPKPSDQETGEQVSSPSHPALHTTTEDSAGVQTEF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022833
ORF Size:	2238 bp
Buffer:	PBS with 0.001% Pluronic F8251
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_022833.2</u>
RefSeq Size:	4007 bp
RefSeq ORF:	2241 bp
Locus ID:	64855
UniProt ID:	<u>Q96TA1</u>
Cytogenetics:	9q34.11
MW:	84 kDa