

Product datasheet for **RC219650A1V**

Human FAM188B (NM_032222) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FAM188B (NM_032222) AAV Particle
Tag:	Myc-DDK
Symbol:	FAM188B
Synonyms:	AQP-1; AQP1; C7orf67; CHIP28; FAM188B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219650 representing NM_032222
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAGCCTCTTCGTGGAGGAGGTGGCCGCTCCTTGGTCAGGGAGTTCCTCAGCAGAAAGGGCTTAA
 AGAAGACATGTGTGACCATGGACCAGGAACGCCACGCTCTGACCTCAGCATAAACACAGAAATGATCT
 TCGAAAGGTTTTGCATCTTGAATTTCTCTATAAGGAGAACAAGGCAAGGAAAATCCTCTAAAAACAAGC
 CTTGAACATCACCAGATACTTTCTGGATCACTTTGGAAATACGGCTAACAAATTTCACTCAAGATACCC
 CAATCCCTGCACTCTCAGTTCCAAAGAAAAATAACAAAGTGCCATCAAGATGCTCAGAGACTACACTGGT
 AAATATATATGACCTTTAGATGAAGATGCAGGATGGAGAACATCATTGTCAGAAACAAGCAAAGCCAGA
 CATGACAATCTTGATGGAGATGTAATTTGTATCATCTAAAAGGCCCCGCACAAAAGTAAGC
 CCATGCAGACGGTCCCGGTGAACTCCTGTGTTGACTTCTGCATGGGAGAAGATAGACAAGCTTCACTC
 GGAGCCTTCTTGGATGTGAAGAGGATGGGAGAGAATTCAGGCCAAAGTCTGGTCTGATTGTGCGAGGC
 ATGATGTCTGGGCCCATCGCCAGCTCCCAACAGGATTCTTTTACAGACACTATCTGAGACGGTCCCTCAC
 CGTCAAGCAGCTCCACCAACCCCAAGAAGAGAGCCGGAAGGTCCCTGAGCTCTTTGTCTGCACCAACA
 GGACATTTCTGGCTTCGAGCAACAGCTCCCCCTCCAGGACCTCCCTGGGTGAGCTTAGTGAAGTACCGTA
 GAAAGGCAGAAACCCTGCCAGCAGCCTCCCATCTGCCAGCAAACGGGTGCCCTTGGGACAGGG
 CCAGGCCGAGGGATCCCTCCGAGGACACCCAGCAGTGGACGGCAGCAGACACGGACAGGATGCCCTT
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 GGCAGCCAGCCGCACCTGTGAGGAAATCAGTTGCTGCCGTCTGACAAGGTGGATGGTGAAGTGGGTG
 CCCTGCGGCTCGAGGATGTGGAGGATGAGTTGATAAGGGAAGAGGTATCCTGTGCGCAGTCCCATCAGT
 GCTCAAGTTGCAGACAGCATCAAAACCAATTGACCTCTCAGTAGCAAAGGAAATAAAGACCCCTTCTGTTT
 GTTCCAGCTTTTCTGTTTCAATGAAGAATGGAACCTCAGAGTTTTTCTTTAGTAACACAGCCTCAT
 TAAATACGGCATAGTGCAGAACAGGGTGGTCTTGGGAGTCTGGCAGCTGTCCAAGGCTGTGTCTCT
 ACAGAACTCCTGTTGAAGGAGATAGCAAAGCCGACTGTGCTCAGGACTGCAGCCTTCAGATGCCAC
 CGGACCCGCTGCCTCGTCTGGCCCTCGCAGACATTGTGTGGCGGCAGGGGGCCGAGAGAGAGCCGTTG
 TTGCACTGGCTTCGAGAACACAGCAGTTCAGTCCAACAGGAAATACAAAGCAGATGGAGTCTTAGAAAC
 ACTTACGCTTCACAGTTTGACCTGCTATGAGGACCTGGTGAATTTCTTCAACAAAGCATTATCAGTTT
 GAAGTGGGCCCTATGGCTGCATCCTGCTCACCTTTCTGCCATCCTGTCCAGGTCTACAGAGCTCATCC
 GCCAGGACTTTGATGTCCCAACAGCCACCTGATTGGAGCACATGGCTACTGTACACAGGAACCTGTCAA
 TCTGCTCCTGACTGGGAAAGCTGTGTCAACGTTTTCAACGATGTGGTTGAGCTGGATTCTGGGGATGGG
 AACATCACACTTCTCAGAGGCATTGCTGCACGAGTGATATTGGCTTCTATCTCTTTGAGCATTACA
 ACATGTGCCAGGTTGGCTGCTTCTGAAGACCCGAGGTTCCCATCTGGGTGGTTTGCAGTGAGAGCCA
 CTTAGCATCCTCTTAGCCTGCAGCCGGGCTCCTGCGTGACTGGAGGACTGAGAGGCTCTTTGACTTG
 TACTACTACGATGGCCTGGCCAACAGCAGGAGCAGATCCGGCTGACCATTGACACCACCAACCATCT
 CTGAGGACACAGACAACGACCTTGTCCACCCCTCGAGCTCTGCATCAGAACCAAGTGAAGGGGCGCATC
 AGTGAAGTGAACGGCTCAGACCCCATCTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219650 representing NM_032222 Red=Cloning site Green=Tags(s) MDSL FVEEVAASLVREFLSRKGLKKTCTMDQERPRSDLSINNRNDLRKVLHLEFLYKENKAKENPLKTS LELITRYFLDHFNTANNFTQDTPIPALSVPKKNNKVPSCSETTLVNIYDLSDAGWRTSLSETSKAR HDNLGDVLDGNFVSSKRPPHKSKPMQTPVGETPVLTSWEKIDKLHSEPSLDVKRMGENSRPKSGLIVRG MMSGPIASSPQDSFHRHYLRSSPSSSSTQPQEESSRKVPFLVCTQQDILASSNSSPSRTSLGQLSELT ERQKTTASSPPHLPKRLPPWDRARPRDPSDTPAVDGS TDTRMPLKLYLPGGNSRMTQERLERAFKRQ GSQPAPVRKNQLLP SDKVDGELGALRLEDVEDELIREEVILSPVPSVLKLQ TASKPIDLSVAKEIKTLLF GSSFCFNEEWKLQSF SNTASLKYGIVQNKGGPCGVLA AVQGCVLQKLLFEGDSKADCAQGLQPSDAH RTRCLVLALADIVWRAGGRERAVVALASRTQQFSPTGKYKADGVLETLTLHSLTCYEDLVTFLLQSSIHF EVGPYGCILLTSLAISRLSTELIRQDFDVPTSHLIGAHGYCTQELVNLLLTGKAVSNVFNVDVVELDSGDG NITLLRGIAARSDIGFLSLFEHYNMCQVGCFLKTPRFPIWVVCSESHFSILFSLQPGLLRDWRTERLFDL YYDGLANQEQIIRLTIDTTQTISEDNDLVPPLELCIRTKWKGASVNWNGSDPIL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032222
ORF Size:	2271 bp
Buffer:	PBS with 0.001% Pluronic F8031
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_032222.2</u>
RefSeq Size:	2750 bp
RefSeq ORF:	2274 bp
Locus ID:	84182
UniProt ID:	<u>Q4G0A6</u>
Cytogenetics:	7p14.3
MW:	84.4 kDa