

Product datasheet for **RC223497A1V**

Human **FAM102B (NM_001010883)** AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	FAM102B
Synonyms:	SYM-3B
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223497 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCGGCTGCTGGACGGCGGCAGCTTCACCGCCGAGTCCTCCAGGGAGGTGGTACAAGCAAACCTGTGTTT
GCTGGAGAAAGAAGTTCTCATTTATGTGCAAAATGAGTGCAAGTGCTGCCACAGGCATCCTAGATCCTTG
TATCTACAGAGTATCCGTGAGGAAGGAATTTAAAGGTGAAAAGCTTATGCAAAGCTGGGCTTTGCAGAT
CTAAACCTGGCAGAGTTTGCTGGATCAGGAAATACCACTCGCCGCTGTTTACTGGAAGGCTATGATACCA
AAAATACAAGACAGGATAATTCCATTCTTAAAGTTTTGATCAGTATGCAACTGATGTCTGGTGACCCATG
TTTTAAACGCCTCCCTCCACTTCAATGTCTATACCAATTGCTGGTGAATCTGAATCTTTGCAAGAAGAT
AGAAAAGGTGGAGAGACTCTCAAAGTGATCTTGGAAATAGCAGATCTTTAGCAAAGAGTGCCTCTGTTT
CAGACGAACCTTGGTGCCTGTGGACATTCTAGAACATCAAGCTATGCAAGTCAGCAGTCAAAAGTATCAGG
GTATAGCACGTGTCACTCCCGGTCTCTAGTTTCTCTGAGCTCTGCCACAGGAGAAATACCTCAGTGGGA
AGCACATCAACAGGAGTTGAAAGTATTCTAGAGCCATGTGATGAAATTGAGCAGAAAATCGCTGAGCCAA
ATCTTGATACAGCTGATAAAGAAGATACAGCTTCAGAAAAACTCAGCAGATGCCAGTGAAACAAGATTC
TGTAAGTCTCAGCTGAAGCGAGTTGATGACACCAGGGTGGATGCAGATGACATTGTAGAGAAAATATTA
CAAAGTCAAGACTTCAGCCTAGATTCCAGTGCGGAAGAAGAAGGACTAAGGCTATTTGTGGGTCCTGGGG
GAAGTACAACCTTTGGCAGTCATCATCTTCCAATAGGGTGGGCTCTGGAGCTTATGAACAAGTTGTGAT
CAAACGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223497 protein sequence Red=Cloning site Green=Tags(s) MRLLDGGSFTAESSREVQANCVRWRKKFSFMCKMSASAATGILDPCIYRVSVRKELKGGKAYAKLGFAD LNLAEFAGSGNTTRRCLEGYDTKNTRQDNSILKVLISMQLMSGDPCFKTPPSTSMSIPIAGESESLQED RKGGETLKVHLGIADLSAKSASVPDELGACGHSRTSSYASQSKVSGYSTCHSRSSSFSELCHRRNTSVG STSTGVESILEPCDEIEQKIAEPNLDADKEDTASEKLSRCPVKQDSVESQLKRVDTRVDADDIVEKIL QSQDFSLDSSAEEEGRLRFVGPGGSTTFGSHHLPNRVGSGAYEQVVIKR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001010883
ORF Size:	987 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_001010883.2, NP_001010883.1</u>
RefSeq Size:	5359 bp
RefSeq ORF:	1083 bp
Locus ID:	284611
UniProt ID:	<u>Q5T8I3</u>
Cytogenetics:	1p13.3
MW:	35.6 kDa