

Product datasheet for **RC209955A1V**

Human EIF4B (NM_001417) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EIF4B (NM_001417) AAV Particle
Tag:	Myc-DDK
Symbol:	EIF4B
Synonyms:	EIF-4B; PRO1843
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209955 representing NM_001417
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGCCTCAGCAAAAAAGAAGAATAAGAAGGGGAAGACTATCTCCCTAACAGACTTTCTGGCTGAGG
 ATGGGGGTACTGGTGGAGGAAGCACCTATGTTTCCAAACAGTCAGCTGGGCTGATGAAACGGATGACCT
 GGAAGGAGATGTTTCGACCACCTTGGCACAGTAACGATGACGATGTGTATAGGGCGCTCCAATTGACCGT
 TCCATCCTTCCCACTGCTCCACGGGCTGCTCGGGAACCAATATCGACCGGAGCCGTCTTCCCAATCGC
 CACCCTACACTGCTTTTCTAGGAAACCTACCCTATGATGTTACAGAAGAGTCAATTAAGGAATTCCTTCG
 AGGATTAATATCAGTGCAGTGCCTTTACCACGTGAACCCAGCAATCCAGAGAGGTTGAAAGTTTTGGT
 TATGCTGAATTTGAGGACCTGGATTCCTGCTCAGTGCCTGAGTCTCAATGAAGAGTCTCTAGGTAACA
 GGAGAATTCGAGTGGACGTTGCTGATCAAGCACAGGATAAAGACAGGGATGATCGTTCTTTTGGCCGTGA
 TAGAAATCGGGATTCTGACAAAACAGATACAGACTGGAGGGCTCGTCTGCTACAGACAGCTTTGATGAC
 TACCCACCTAGAAGAGGTGATGATAGCTTTGGAGACAAGTATCGAGATCGTTATGATTACAGACCGGTATC
 GGGATGGGTATCGGGATGGGTATCGGGATGGCCACGCCGGGATATGGATCGATATGGTGGCCGGGATCG
 CTATGATGACCGAGGCAGCAGAGACTATGATAGAGGCTATGATTCGCGGATAGGCAGTGGCAGAAGAGCA
 TTTGGCAGTGGGTATCGCAGGGATGATGACTACAGAGGAGGCGGGGACCGCTATGAAGACCGATATGACA
 GACGGGATGATCGGTCTGGAGCTCCAGAGATGATTACTCTCGGGATGATTATAGGCGTGATGATAGAGG
 TCCCCCAGAACCCAACTGAATCTAAAGCCTCGGAGTACTCTAAGGAAGATGATTCCTCTGCTAGT
 ACCTCCAGTCCACTCGAGCTGCTTCTATCTTTGGAGGGGCAAGCCTGTTGACACAGCTGCTAGAGAAA
 GAGAAGTAGAAGAACGGCTACAGAAGGAACAAGAGAAGTTGCAGCGTCAGCTGGATGAGCCAAAAGTAGA
 ACGACGGCCTCGGGAGAGACACCCAAGCTGGCGAAGTGAAGAACTCAGGAACGGGAACGGTCCAGGACA
 GGAAGTGAGTCATCACAACCTGGGACCTCCACCACATCTAGCAGAAATGCACGAAGGAGAGAGAGTGAGA
 AGTCTCTAGAAAATGAACACTCAATAAGGAGGAAGATTGCCACTCTCCAACCTCTAAACCTCCCAAAAC
 TGATCAGCCCCTAAAGGTAAATGCCAGCCCCTCCACCAAGGAGAATGCTTGGGTGAAGCGAAGTTCTAAC
 CCTCTGCTCGATCTCAGAGCTCAGACACAGAGCAGCAGTCCCCTACAAGTGGTGGGGGAAAAGTAGCTC
 CAGCTCAACCATCTGAGGAAGGACCAGGAAGGAAAGATGAAAATAAAGTAGATGGGATGAATGCCCCAAA
 AGGCCAACTGGGAACCTAGCCGTGGTCCAGGAGACGGAGGGAACAGAGACCACTGGAAGGAGTCAGAT
 AGGAAAGATGGCAAAAAGGATCAAGACTCCAGATCTGCACCTGAGCCAAAGAACTGAGGAAAAATCCAG
 CTTCTAAGTTCAAGTCTGCAAGCAAGTATGCTGCTCTCTGTTGATGGTGAAGATGAAAATGAGGGAGA
 AGATTATGCCGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAASAKKKNKKGTISLTDFLAEDGGTGGGSTYVSKPVSWADETDDLEGDVSTTWHSNDDDVYRAPPIDR
 SILPTAPRAAREPNIDRSRLPKSPPYTAFLGNLPYDVTEESIKEFFRGLNISAVRLPREPSNPERLKGFG
 YAEFEDLDSLLSALSLNEESLGNRRIRVDVADQAQDKDRDRSFGRDRNRSDKTDTDWRARPATDSFDD
 YPPRRGDDSFQDKYRDYDSRDYRDGYRDGYRDGPRRDMRYGGDRDYDRGSRDYDRGYDSRIGSGRRA
 FGSGYRRDDYRGGGDRYEDYDRDRDRSWSSRDYSRDDYRRDRGPPQRPKLNLPKPRSTPKEDDSSAS
 TSQSTRAASIFGGAAPVDTAAREVEERLQKEQELQRLDEPKLERRPRERHPSWRSEETQERERSRT
 GSESSQTGTSTSSRNARRRESEKLENELNKEEDCHSPTSKPPKPDQPLKVMPPAPPKENAWVKRSSN
 PPARSQSSDTEQQSPTSGGKVAPAPQSEEGPGRKDENKVDGMNAPKGQTGNSSRGPDGGNRDHWKESD
 RKDGKKDQDSRSAPEPKPEENPASKFSSASKYAALSDVGEDENEGEDYAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001417
ORF Size:	1833 bp
Buffer:	PBS with 0.001% Pluronic F6534
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_001417.3, NP_001408.2</u>
RefSeq Size:	3885 bp
RefSeq ORF:	1836 bp
Locus ID:	1975
UniProt ID:	<u>P23588</u>
Cytogenetics:	12q13.13
MW:	69 kDa