

Product datasheet for **RC239112A1V**

Human EIF4B (NM_001300821) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EIF4B (NM_001300821) 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:

>RC239112 representing NM_001300821
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCTCAGCAAAAAAGAAGAATAAGAAGGGGAAGACTATCTCCCTAACAGACTTTCTGGCTGAGG
 ATGGGGGTACTGGTGGAGGAAGCACCTATGTTTCCAAACCACTCAGCTGGGCTGATGAAACGGATGACCT
 GGAAGGAGATGTTTCGACCACCTTGGCACAGTAACGATGACGATGTGTATAGGGCGCCTCCAATTGACCGT
 TCCATCCTTCCCACTGCTCCACGGGCTGCTCGGGAACCAATATCGACCGGAGCCGTCTTCCCAATCGC
 CACCCTACACTGCTTTTCTAGGAAACCTACCCTATGATGTTACAGAAGAGTCAATTAAGGAATTCCTTTCG
 AGGATTAATATCAGTGCAGTGCCTTTACCACGTGAACCCAGCAATCCAGAGAGGTTGAAAGTTTTGGT
 TATGCTGAATTTGAGGACCTGGATTCCCTGCTCAGTGCCTGAGTCTCAATGAAGAGTCTCTAGGTAACA
 GGAGAATTCGAGTGGACGTTGCTGATCAAGCACAGGATAAAGACAGGGATGATCGTTCTTTTGGCCGTGA
 TAGAAATCGGGATTCTGACAAAACAGATACAGACTGGAGGGCTCGTCTGCTACAGACAGCTTTGATGAC
 TACCCACCTAGAAGAGGTGATGATAGCTTTGGAGACAAGTATCGAGATCGTTATGATTACAGACCGGTATC
 GGGATGGGTATCGGGATGGGTATCGGGATGGCCACGCCGGGATATGGATCGATATGGTGGCCGGGATCG
 CTATGATGACCGAGGCAGCAGAGACTATGATAGAGGCTATGATTCGCGGATAGGCAGTGGCAGAAGAGCA
 TTTGGCAGTGGGTATCGCAGGGATGATGACTACAGAGGAGGCGGGGACCGCTATGAAGACCGATATGACA
 GACGGGATGATCGGTCTGGAGCTCCAGAGATGATTACTCTCGGGATGATTATAGGCGTGATGATAGAGG
 TCCCCCCTAAAGACCCAACTGAATCTAAAGCCTCGGAGTACTCTAAGGAAGATGATTCCTCTGCTAGT
 ACCTCCAGTCCACTCGAGCTGCTTCTATCTTTGGAGGGGCAAGCCTGTTGACACAGCTGCTAGAGAAA
 GAGAAGTAGAAGAACGGCTACAGAAGGAACAAGAGAAGTTGCAGCGTCAGCTGGATGAGCCAAAACCTAGA
 ACGACGGCCTCGGGAGAGACACCCAAGCTGGCGAAGTGAAGAACTCAGGAACGGGAACGGTTCGAGGACA
 GGAAGTGAGTCATCACAACTGGGACCTCCACCACATCTAGCAGAAGTAAAGTACAGACAGGATGCACGAA
 GGAGAGAGAGTGAGAAGTCTCTAGAAAATGAAACACTCAATAAGGAGGAAGATTGCCACTCTCCAACCTC
 TAAACCTCCAAACCTGATCAGCCCCTAAAGGTAATGCCAGCCCCTCCACCAAGGAGAATGCTTGGGTG
 AAGCGAAGTTCTAACCTCCTGCTCGATCTCAGAGCTCAGACACAGAGCAGCAGTCCCCTACAAGTGGTG
 GGGGAAAAGTAGCTCCAGCTCAACCATCTGAGGAAGGACCAGGAAGGAAAGATGAAAATAAGTAGATGG
 GATGAATGCCCCAAAAGGCCAACTGGGAACTCTAGCCGTGGTCCAGGAGACGGAGGGAACAGAGACCAC
 TGAAGGAGTCAGATAGGAAAGATGGCAAAAAGGATCAAGACTCCAGATCTGCACCTGAGCCAAAGAAAC
 CTGAGGAAAATCCAGCTTCCAAGTTCAGTTCTGCAAGCAAGTATGCTGCTCTCTGTTGATGGTGAAGA
 TGAATGAGGGAGAAGATTATGCCGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAASAKKKNKKGTISLTDFLAEDGGTGGGSTYVSKPVSWADETDDLEGDVSTTWHSNDDDVYRAPPIDR
 SILPTAPRAAREPNIDRSRLPKSPPYTAFLGNLPYDVTEESIKEFFRGLNISAVRLPREPSNPERLKGFG
 YAEFEDLDSLLSALSLNEESLGNRRIRVDVADQAQDKDRDRSFGRDRNRSDKTDTDWRARPATDSFDD
 YPPRRGDDSFQDKYRDYDSRDYRDGYRDGYRDGPRRDMRYGGRDRYDDRGSRDYDRGYDSRIGSGRRA
 FGSGYRRDDYRGGGDRYEDYDRDRDRSWSSRDYSDYRDRDRGPPQRPKLNKPRSTPKEDDSSAS
 TSQSTRAASIFGAKPVDTAAREVEERLQKEQEKLRQLDEPKLERPRERHPSWRSEETQERERSRT
 GSESSQTGTSTSSRSKSDQDARRRESEKSLNETLNKEEDCHSPTSKPPKPDQPLKVMAPPKKNENAWV
 KRSSNPAPRSQSSDTEQQSPTS SGGKVAPAPQSEEGPGRKDENKVDGMNAPKGQTGNSSRGPDGNGNRDH
 WKESDRKDGKKDQDSRSAPEPKPEENPASKFSSASKYAALSDVGEDENEGEDYAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001300821
ORF Size:	1848 bp
Buffer:	PBS with 0.001% Pluronic F10870
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_001300821.1</u>
RefSeq Size:	4076 bp
RefSeq ORF:	1851 bp
Locus ID:	1975
Cytogenetics:	12q13.13
MW:	70.1 kDa