

Product datasheet for **RC210634A1V**

Human EIF2B4 (NM_001034116) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EIF2B4 (NM_001034116) AAV Particle
Tag:	Myc-DDK
Symbol:	EIF2B4
Synonyms:	EIF-2B; EIF2B; EIF2Bdelta
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210634 representing NM_001034116
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCTGTGGCGTGGCTGTTCGCGAGGACTCGGGATCCGGGATGAAGGCGGAGCTCCCCCTGGGC
 CTGGGGCAGTGGGGAGGAAATGACCAAGAAGAAAAGCTGCAGCTTCGGAAGGAAAAGAACAGCAGAA
 GAAGAAACGGAAGGAAGAAAAGGGGCGAGAACCAGAGACTGGCTCTGCTGTATCTGCAGCCCAATGTCAA
 GTAGGCCCAACCAGAGAACTGCCAGAATCGGGCATTAGTTGGGCACTCCTCGGGAGAAAAGTTCCAGCTG
 GTCGGAGTAAGGCCGAACCTCGGGCTGAGCGTCGAGCCAAGCAGGAGGCCGAGCGGGCCCTGAAACAGGC
 AAGAAAAGGGGAACAAGGAGGACCACCTCCTAAGGCCAGCCCAGCACAGCTGGAGAAACCCCTCAGGA
 GTGAAGCGTCTCCCTGAGTACCCTCAGTTGATGACCTACTTCTGAGAAGGCTTGTTAAAAACAGAGC
 GTCAACAGGTTCTACACGAAAGGATTATGGATCCAAAGTCAGTCTCTTCTCTCACCTACCCAGTACAG
 CAGACAAAACCTCTGACCCAGTTTATGAGCATCCCATCTCTGTGATCCACCCAGCCATGGTGCAGCTC
 GGCCTGCAGTACTCCAGGGCCTGGTCACTGGCTCCAATGCCCGGTGTATTGCCCTGCTTCGTGCCTTGC
 AGCAGGTGATTACAGATTACACAACACCGCCTAATGAAGAACTCTCCAGGGATCTAGTGAATAAACTAA
 ACCCTACATGAGCTTCTGACTCAGTGCCGTCCCTGTGAGCGAGCATGCACAACGCCATCAAGTTCTT
 AACAAGGAAATACCAAGTGTGGGCGATTCCAAGCGGAAGAGGAGGCCAAGTCAGAACTTCGAGCAGCCA
 TTGATCGGTATGTGCAAGAGAAGATTGTGCTAGCAGCTCAGGCAATTTACGCTTTGCTTACCAGAAGAT
 CAGTAATGGAGATGTGATCCTGGTATATGGATGCTCATCTCTGGTATCACGAATTTTACAGGAGCTTGG
 ACAGAGGGCCGCGGTTTCGGGTGGTAGTGGTGACAGCCGCCATGGCTGGAAGGAAGGCACACACTAC
 GTTCTCTAGTCCATGCTGGTGTCCAGCCTCCTACCTGCTGATTCCTGCAGCCTCCTATGTGCTCCAGA
 GGTTTCCAAGGTGCTATTGGGAGCTCATGCACCTTGGCCAACGGGTCTGTGATGTCACGGGTAGGGACA
 GCACAGTTAGCCCTGGTGGCTCGAGCCATAATGTACAGTGCTGGTTTGCTGTGAAACATACAAGTTCT
 GTGAGCGTGTGCAGACTGATGCCTTTGTCTCTAATGAGCTAGATGACCCTGATGATCTGCAATGTAAGCG
 GGGAGAACATGTTGCGCTGGCTAACTGGCAGAACACGCATCCCTACGGTTGTTGAATCTAGTCTATGAT
 GTGACTCCCCAGAGCTTGTGGATCTGGTATCACGGAGCTGGGGATGATCCCTTGCAGTTCTGTACCTG
 TTGTTCTACGAGTCAAGAGCAGTGACCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAAVAVAVREDSGSGMKAELPPGPGAVGREMTKEEKLQLRKEKKQKKRKEEKGAEPETGSAVSAAQCQ
 VGPTRELPESGIQLGTPREKVPAGRSKAELEARRAKQEAERALKQARKGEQGGPPPKASPSTAGETPSG
 VKRLPEYPQVDDLLRLRVKKPERQVPTRKDYGSVSLFSLHPQYSRQNSLTQFMSIPSSVIHPAMVRL
 GLQYSQGLVSGSNARCIALLRALQQVIQDYTPPNEELSRDLVNKLKPYMSFLTQCRPLSASMHNKIFL
 NKEITSVSGSSKREEEAKSELRAAIDRYVQEKIVLAAQAISRFAYQKISNGDVILVYGCSLVSRILQEAW
 TEGRRFRVVVDSRPWLEGRHTLRSLVHAGVPASYLLIPAASYVLPEVSKVLLGAHALLANGSVMSRVGT
 AQLALVARAHNPVLVCCETYKFCERVQTDFAVSNELDDPDDLQCKRGEHVALANWQNHASLRLLNLVYD
 VTPPELVDLVITELGMIPCSSVPVLRVKSSDQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001034116

ORF Size:

1571 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_001034116.1</u>
RefSeq Size:	1763 bp
RefSeq ORF:	1572 bp
Locus ID:	8890
UniProt ID:	<u>Q9UI10</u>
Cytogenetics:	2p23.3
MW:	57.6 kDa