

Product datasheet for **RC223570A1V**

Human EIF2B3 (NM_020365) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EIF2B3 (NM_020365) AAV Particle
Tag:	Myc-DDK
Symbol:	EIF2B3
Synonyms:	EIF-2B; EIF2Bgamma
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC223570 representing NM_020365
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAATTTCAAGCAGTAGTGATGGCAGTAGTGGAGGATCTCGGATGACAGACCTAACTCCAGCATTC
 CCAAACCTCTGCTTCCAGTTGGGAACAAACCTTTAATTTGGTACCCATTGAACCTGCTTGAGCGTGTGG
 ATTTGAAGAAGTCATTGTGTTACAACAGGGATGTTCAAAGGCTCTATGTGCAGAATTCAAGATGAAA
 ATGAAGCCAGATATTGTGTATTCTGATGACGCTGACATGGGAAGTGCAGATTCTTTGCGCTACATAT
 ATCCAAAACCTTAAGACAGATGTGCTGGTGTGAGCTGTGATCTGATAACAGACGTTGCCTTACATGAGGT
 TGTGGACCTGTTAGAGCTTATGATGCATCACTTGCTATGTTGATGAGAAAAGGCCAAGATAGCATAGAA
 CCTGTTCCCGGTCAAAGGGGAAAAAAGCAGTGGAGCAGCGTGAATTCATTGGAGTGGACAGCACAG
 GAAAGAGGCTGCTCTTCATGGCTAATGAAGCAGACTTGGATGAAGAGCTGGTCATTAAGGGATCCATCCT
 ACAGAAGCATCCTAGAATACGTTTCCACACGGGCTTGTGGATGCCACCTCTACTGTTGAAAAAATAC
 ATCGTGGATTTCTAATGGAAAATGGGTCAATAACTTCTATCCGGAGTGAAGTATTCCATATTTAGTGA
 GAAAACAGTTTCTCAGCTTCTCACACAGGGACAAGAAGAAAAGAGGAGGATCTAAAGAAAAGGA
 GCTGAAGTCTTAGATATCTACAGTTTATAAAGAAGCCAATACACTGAACCTGGCTCCCTATGATGCC
 TGCTGGAATGCCTGTGAGGAGACAGGTGGGAAGACTTGTCCAGATCACAGGTGCGCTGCTATGTCCACA
 TCATGAAAGAGGGGCTGCTCTCGAGTGAGCACACTGGGACTCTACATGGAAGCAAACAGACAGGTGCC
 CAAATTGCTGTCTGCTCTGTCCAGAAGAACACAGTCCATTTCGTAGCCAGATTGTGAGCAACAC
 CTGTTGGAGTTGACAGCCTCATTGGGCCAGAGACAGATTGGAGAGAAGTCATCCATTAAGCGCTCAG
 TCATTGGCTCATCCTGTCTCATAAAGATAGAGTGAATACCAATTGCCTTCTCATGAACCTCAGTCAC
 TGTGGAGGAAGGAAGCAATATCCAAGGCAGTGTCTATCTGCAACAATGCTGTGATCGAGAAGGGTGCAGAC
 ATCAAGGACTGCTTGATTGGAAGTGGCCAGAGGATTGAAGCCAAAGCTAAACGAGTGAATGAGGTGATCG
 TGGGAATGACCAGCTCATGGAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEFQAVVMAVGGSRMTDLTSSIPKPLLPVGNKPLIWYPLNLLERVGFEEVIVVTTTRDVQKALCAEFKMK
 MKPDIVCIPDDADMGADSLRYIYPKLKTDVLVLSDDLITDVALHEVVDLFRAYDASLAMLMRKQDSIE
 PVPQGKGKKKAVEQRDFIGVDSTGKRLLFMANEADLDEELVIKGSILQKHPRIHFHTGLVDAHLYCLKKY
 IVDFLMENGSIITSIRSELIPYLVRKQFSSASSQQGQEEKEEDLKKKELKSLDIYSFIKEANTLNLAPYDA
 CWNACRGRWEDLSRSQVRCYVHIMKEGLCSRSTLGLYMEANRQVPKLLSALCPEEPPVHSSAIVSKH
 LVGVDSLIGPETQIGEKSSIKRSVIGSSCLIKDRVTITNCLLMNSVTVEEGSNIQGSVICNNAVIEKGAD
 IKDCLIGSGQRIEAKAKRVNEVIVGNDQLMEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020365

ORF Size:

1356 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_020365.1</u>
RefSeq Size:	1602 bp
RefSeq ORF:	1359 bp
Locus ID:	8891
UniProt ID:	<u>Q9NR50</u>
Cytogenetics:	1p34.1
MW:	50.1 kDa