

Product datasheet for **MR204296A1V**

Mouse Eif2b1 (NM_145371) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Eif2b1 (NM_145371) AAV Particle
Tag:	Myc-DDK
Symbol:	Eif2b1
Synonyms:	26kD; D5Ertd406; D5Ertd406e; EIF2; EIF2BA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR204296 representing NM_145371 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGGACGGTGAGTTAATTGAATACTTTAAGTCTCAGATGAAAGGAGATCCTAAAATGGCCTCAGCTG
TGGCTGCCATCCAGACTTTGTTGGAATCTTGAAGAGAGATAAAGGAGAAACACTCCAGGGCCTGAGAGC
AAATCTCACCTATGCCATAAAACCCTCTGTGGTGTGGACTCCTCAGTGGCCGTGTCATCTGGCGGGGAG
CTCTTCCTTCGCTTCATCAGCCTCACCTCCCTGGAATACTCTGACTACTCCAAATGTAAGAAGATCATGA
TTGAGAGAGGAGAGCTGTTCTGAGAAGAATATCCCTGTGAGAAATAAGATTGCCAATCTGTGCATAC
ATTCATCAAAGACGGGGCGAGAATTTTGACTCACGCCTACTCCAGAGTTGTCTTAAGAGCTCTGGAAGAA
GCCGTGGCAGCCAAGAAACGGTTCAGTGTGTATATCACGGAGTCGCAGCCTGATTATCTGGTAAGAAAA
TGGCCAAAGCCCTCTCCACCTCAACGTCCTGTCACTGTGGTGTGGATGCTGCTGTGCGCTATATCAT
GGAGAAAGCAGATCTTGTCTAGTTGGTGTGAAGGAGTGGTAGAGAACGGAGGCATTATTAACAAGATT
GGAACCAACCAGATGGCCGTGTGTGCCAAAGCCAGAATAAGCCCTTCTATGTGGTTGCAGAAAGCTTCA
AGTTCGTACGCCTCTTCCACTCAACAGGAGGACGTCCAGATAAGTTTAAGTACAAGGCAGACACTCT
GAAGTCTGTGCAGACTGGCAGGATCTCAAAGAGGAACACCCATGGGTGGACTACACCTCCCCATCCCTC
ATCACCTGCTGTTTACGGACCTGGGTGTGTTGACCCATCTGCTGTAAGCGATGAGCTCATCAAGCTGT
ACCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR204296 representing NM_145371 Red=Cloning site Green=Tags(s) MEDGELIEYFKSQMKGDPKMASAVAAIQTLLEFLKRDKGETLQGLRANLTYAIKTLCGVDSSVAVSSGGE LFLRFISLTSLEYSYKCKKIMIERGELFLRRISLSRNKIANLCHTFIKDGARILTHAYSRVLRVLEE AVAACKRFSVYITESQPDLSGKKMAKALSHLNPVTVVLDAAVGYIMEKADLVIYGAEGVVENGGIINKI GTNQMAVCAKAQNKPFYVVAESFKFVRLFPLNQEDVPDKFKYKADTLKSVQTGGDLKEEHPWVDYTSPL ITLLFTDLGVLTPSAVSDELIKLYL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_145371
ORF Size:	915 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_145371.4, NP_663346.1</u>
RefSeq Size:	2012 bp
RefSeq ORF:	918 bp
Locus ID:	209354
UniProt ID:	<u>Q99LC8</u>
Cytogenetics:	5 63.67 cM
MW:	33.8 kDa