

Product datasheet for **RC204303A1V**

Human EIF2A (NM_032025) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EIF2A (NM_032025) AAV Particle
Tag:	Myc-DDK
Symbol:	EIF2A
Synonyms:	CDA02; EIF-2A; MST089; MSTP004; MSTP089
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204303 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCGCCGTCCACGCCGCTCTTGACAGTCCGAGGATCAGAAGGACTGTACATGGTGAATGGACCACCAC
 ATTTTACAGAAAGCACAGTGTTTCCAAGGGAATCTGGGAAGAATTGCAAAGTCTGTATCTTTAGTAAGGA
 TGGGACCTTGTTTGCCTGGGGCAATGGAGAAAAAGTAAATATTATCAGTGTCACTAACAAGGGACTACTG
 CACTCCTTCGACCTCCTGAAGGCAGTTTGCCTTGAATTCTCACCCAAAAATACTGTCTGGCAACGTGGC
 AGCCTTACACTACTTCTAAAGATGGCACAGCTGGGATACCCAACCTACAACCTTTATGATGTGAAACTGG
 GACATGTTTGAATCTTTCATCCAGAAAAAATGCAAAATTGGTGTCCATCTGGTCAGAAGATGAAACT
 CTTTGTGCCCGCAATGTTAACAATGAAGTTCACCTCTTTGAAAACAACAATTTTAAACAATTGCAATA
 AATTGCATTTGCAAAAAATTAATGACTTTGTATTATCACCTGGACCCCAACCATAACAAGTGGCTGTCTA
 TGTTCCAGGAAGTAAAGGTGCACCTTCATTTGTTAGATTATATCAGTACCCCAACTTTGCTGGACCTCAT
 GCAGCTTTAGCTAATAAAAGTTTCTTTAAGGCAGATAAAAGTTACAATGCTGTGGAATAAAAAAGCTACTG
 CTGTGTTGGAATAGCTAGCACAGATGTTGACAAGACAGGAGCTTCTACTATGGAGAACAACTCTACA
 CTACATTGCAACAAATGGAGAAAGTGCTGTAGTGCAATTACCAAAAAATGGCCCCATTTATGATGTAGTT
 TGGAAATCTAGTTCTACTGAGTTTTGTGCTGTATATGGTTTTATGCCTGCCAAAGCGACAATTTCAACT
 TGAAATGTGATCCTGTATTTGACTTTGGAACGGTCTCGTAATGCAGCTACTATAGCCCTCATGGACA
 TATATTAGTATTAGCTGGATTTGGAATCTGAGGGGACAAATGGAAGTGTGGGATGTGAAAACTACAAA
 CTTATTTCTAAACCGGTGGCTTCTGATTCTACATATTTTGGTGGTGGCCGGATGGTGAGCATATTTTAA
 CAGCTACATGTCTCCAGGTTACGGGTTAATAATGGATACAAAATTTGGCATTATACTGGCTCTATCTT
 GCACAAGTATGATGTGCCATCAAATGCAGAAATTATGGCAGGTTTCTTGGCAGCCATTTTGGATGGAATA
 TTTCCAGCAAAAAACAATAACTTACCAAGCAGTTCCAAGTGAAGTACCAATGAGGAACCTAAAGTTGCAA
 CAGCTTATAGACCCCCAGCTTTAAGAAATAAACCAATCACCAATTCAAATTGCATGAAGAGGAACCACC
 TCAGAATATGAAACCACAATCAGGAAACGATAAGCCATTATCAAAAACAGCTCTTAAAAATCAAAGGAAG
 CATGAAGCTAAGAAAGCTGCAAGCAGGAAGCAAGAAGTGACAAGAGTCCAGATTGGCACCTACTCCTG
 CCCCACAGAGCACACCACGAAACACTGTCTCTCAGTCAATTTCTGGGACCTGAGATAGACAAAAAAT
 CAAGAACCTAAGAAGAACTGAAAGCAATCGAACAACGAAAGAACAGCAGCAACTGGAAGAACAGCTA
 GAAAAAATCAGTTGGAGAAAAATTCAGAAAGAAACAGCCCTTCTCCAGGAGCTGGAAGATTGAAATTGG
 GTATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204303 protein sequence
 Red=Cloning site Green=Tags(s)

MAPSTPLLTVRGSEGLYMVNGPPHFTSTVFPRESGKNCKVCIFSKDGTLFAWNGEKNVNIISVTNKGLL
 HSFDLLKAVCLEFSPKNTVLATWQPYTTSKDGTAIPNLQLYDVKTGTCLKSFQKMKQNWCPWSEDET
 LCARNVNNEVHFFENNNFNTIANKLHLQKINDFVLSPGPQPYKVAVVYVPGSKGAPSFVRLYQYPNFAGPH
 AALANKSFFKADKVTMLWNKKATAVLVIASDVKTGASYYGEQTLHYIATNGESAVVQLPKNGPIYDVV
 WNSSSTEFCAVYGFMPAKATIFNLKCDPVDFGTGPRNAAYYSPHGHILVLAGFNLRGQMEVWDVKNYK
 LISKPVASDSTYFAWCPDGEHILTATCAPRLRVNNGYKIWHYTGSILHKYDVPSNAELWQVSWQPFLDGI
 FPAKTITYQAVPSEVPNEEPKVATAYRPPALRNKPIITNSKLHEEPPQNMKPQSGNDKPLSKTALKNQK
 HEAKKAAKQEARSDKSPDLAPQSTPRNTVSQISGDPEIDKKIKNLKKLKAIEQLKEQAATGKQL
 EKNQLEKIQKETALLQELEDLKLGI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_032025
ORF Size:	1755 bp
Buffer:	PBS with 0.001% Pluronic F5551
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_032025.3</u>
RefSeq Size:	3894 bp
RefSeq ORF:	1758 bp
Locus ID:	83939
UniProt ID:	<u>Q9BY44</u>
Cytogenetics:	3q25.1
MW:	65 kDa