

Product datasheet for **RC201726A1V**

Human EIF2D (NM_006893) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EIF2D (NM_006893) AAV Particle
Tag:	Myc-DDK
Symbol:	EIF2D
Synonyms:	HCA56; LGTN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201726 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTTGCCAAGGCCTTTTCGGGTCAAGTCCAACACGGCCATCAAGGGGTCGGACAGGAGAAAAGCTTCGAG
 CTGATGTGACAACTGCTTTCCACCCTTGAACTGATCAAGTCTCTGAGTTAGTACCTGGAAAGGAGGA
 GCTCAACATTGTGAAGTTGTATGCTCACAAGGGGATGCACTGACTGTGTACGTGAGTGGTAAACCC
 ATCCTCTTTGAACTGGAGAAAACTGTATCCAACAGTGTACACGCTGTGGTCTATCCTGATCTCTGC
 CAACCTTTACAACATGGCCTCTGGTCTCGAGAACTGGTAGGGGAGCAGATTGATGCTGCCTGGACT
 GGTGATGCCCCCTGCTGGTCTGCCTCAGGTACAGAAGGGCGACCTCTGTGCCATTTCTTTGGTGGGAAC
 AGAGCCCTGTAGCCATTGGAGTTGCAGCCATGCCACAGCTGAGATGCTCACGTGAGCCTGAAGGGA
 GGGGCTTCTCTGTGCTCCACACTTACCAGGACCACTTGTGGCGGTCTGAAACAAGTCTCTCCACCTTC
 CATTGCTCCACTGGCCCTGGATTGAGCAGATCTCAGTGAAGAGAAGGGGTCTGTCCAGATGGACTCCACC
 CTGCAGGAGACATGAGGCACATGACCTGGAGGGGAAGAGGAGAATGGGGAGGTTACCCAGGCACGTG
 AAGACAAGTCTCTCTCAGAAGCCCCAGAAGACACCAGCACCAGGGGCTGAACCAAGACTCCACAGATAG
 CAAAACGCTTCAAGAACAAATGGATGAGCTGTTACAGCAATGCTTCTTACATGCCTTGAAGTGCCGAGTC
 AAAAAGGCTGACCTCCCTTTACTCACCAGCACTTTCTTGGCAGCCACATGTTCTCTGCTGCCCCGAAG
 GACGACAACTGGACATAAAGAAGTCAAGCTACAAAAGCTCTCTAAGTTCCTGCAGCAATGCAGCAGGA
 GCAGATTATACAGGTGAAGGAGCTGAGCAAAGGGGTGGAGAGCATTGTGGCTGTGGACTGAAACACCCG
 AGGATTACATCTTTCGTATACCCGAGCCCTCCCGACCTCCAGACTATCCAGGAGGTAGCAGGGAAC
 AGCCCTATCACCTCCAGATATAAAACCCCTCTACTGTGTCCCAGCCAGCATGACCCTGCTCTTCCAGGA
 GTCTGGCCACAAGAAGGGGAGCTTTCTGGAGGGCAGTGAGGTCCGAACGATCGTCATTAACACGCCAAG
 AAAATGACCTGGTTGATGCAGACAACAAAATCTTGTGAGATTGGATCCCATCTATGTGACTGCATCT
 TAGAGAAAAATGAACAGCATACAGTCATGAAGCTTCCATGGGACAGTCTTCTGACCAGGTGTTTGGAAAA
 ATTACAGCCTGCCTATCAAGTGACCTTCCCGGACAAGAGCCCATTTGTGAAGAAAGGAGAATCTGTCCA
 ATTGACATCACCTAGCACAAGAGCGTCTAATAAAAAGGTGACCGTGGTCCGGAACCTGGAGGCCTATG
 GTCTGGACCCATACTCAGTGGCTGCCATCCTTCAGCAGCGATGCCAGGCTAGCACCACCTGAATCCTGC
 CCCTGGGGCCAAGGACAGCCTTCAGGTGCAGATCCAGGAAACCAGGTCCACCACCTCGGCTGGCTATTG
 CTTGAAGAGTATCAGCTCCCTCGAAAACACATCCAAGGTCTAGAAAAGGCCCTCAAACCTGGCAAGAAGA
 AG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201726 protein sequence
 Red=Cloning site Green=Tags(s)

MFAKAFRVKSNTAIKGSRRKL RADVTTAFPTLTGTDQVSELVPGKEELNIVKLYAHKGDAVTVYVSGGNP
 ILFELEKNLYPTVYTLWSYPDLLPTFTTWPLVLEKLVGGADLMPLVMPAGLPQVQKGDLCATSLVGN
 RAPVAIGVAMSTAEMLTSLKGRGFSVLHTYQDHLWRSNGKSSPPSIAPLALDSADLSEEKGSVQMDST
 LQGD MRHMTLEGEENG EVHQAREDKSLSEAPEDTSTRGLNQDSTD SKTLQE QMDELLQQCF LHALKCRV
 KKADLPLL TSTFLGSHMFSCPEGRQLDIKKSSYKKLSKFLQQMQQE QIIQVKELSKGVESIVAVDWKHP
 RITSFVIPEPSPTSQTIEGSREQPYHPPDIKPLYCVPASMTLLFQESGHKKGSFLEGSEVRTIVINYAK
 KNDLVDADNKNLVRLDPILDCILEKNEQHTVMKLPWDSLLTRCLEKLQPAYQVTLPGQEP IVKKGRI CP
 IDITLAQRASNKKVTVVRNLEAYGLDPYSVAAILQQRCASTTVNPAPGAKDSLQVQIQGNQVHHLGWLL
 LEEYQLPRKHIIQGLEKALPKGKKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_006893
ORF Size:	1752 bp
Buffer:	PBS with 0.001% Pluronic F5223
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_006893.2</u>
RefSeq Size:	2115 bp
RefSeq ORF:	1755 bp
Locus ID:	1939
UniProt ID:	<u>P41214</u>
Cytogenetics:	1q32.1
MW:	64.7 kDa