

Product datasheet for **RC209697A1V**

Human **EEF1A1** (NM_001402) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EEF1A1 (NM_001402) AAV Particle
Tag:	Myc-DDK
Symbol:	EEF1A1
Synonyms:	CCS-3; CCS3; EE1A1; EEF-1; EEF1A; eEF1A-1; EF-Tu; EF1A; GRAF-1EF; LENG7; PTI1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209697 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGGAAAGGAAAGACTCATATCAACATTGTCGTCATTGGACACGTAGATTGGGCAAGTCCACCACTA
CTGGCCATCTGATCTATAAATGCGGTGGCATCGACAAAAGAACCATTGAAAAATTTGAGAAGGAGGCTGC
TGAGATGGGAAAGGGCTCCTTCAAGTATGCCTGGGTCTTGATAAACTGAAAGCTGAGCGTGAACGTGGT
ATCACCATTGATATCTCCTTGTGGAAATTTGAGACCAGCAAGTACTATGTGACTATCATTGATGCCCCAG
GACACAGAGACTTTATCAAAAACATGATTACAGGGACATCTCAGGCTGACTGTGCTGTCTGATTGTTGC
TGCTGGTGTGGTGAATTTGAAGCTGGTATCTCCAAGAATGGGCAGACCCGAGAGCATGCCCTTCTGGCT
TACACACTGGGTGTGAACAACATAATTGTCGGTGTAAACAAATGGATTCCACTGAGCCACCCTACAGCC
AGAAGAGATATGAGGAAATTTGAAGGAAGTCAGCACTTACATTAAGAAAATTTGGCTACAACCCCGACAC
AGTAGCATTTTGCCAAATTTCTGGTTGGAATGGTGACAACATGCTGGAGCCAAGTGCTAACATGCCTTGG
TTCAAGGGATGGAAAGTCACCCGTAAGGATGGCAATGCCAGTGAACACGCTGCTTGAGGCTCTGGACT
GCATCCTACCACCAACTCGTCCAACGACAAGCCCTTGCCTCTCCAGGATGTCTACAAAATTTGG
TGGTATTGGTACTGTTCTGTTGGCCGAGTGGAGACTGGTGTCTCAAACCCGGTATGGTGGTCACCTTT
GCTCCAGTCAACGTTACAACGGAAGTAAATCTGTGCAATGCACCATGAAGCTTTGAGTGAAGCTCTTC
CTGGGGACAATGTGGGCTTCAATGTCAAGAATGTGTCTGTCAAGGATGTTCTGTCGTGGCAACGTTGCTGG
TGACAGCAAAAATGACCCACCAATGGAAGCAGCTGGCTTCACTGCTCAGGTGATTATCCTGAACCATCCA
GGCCAAATAAGCGCCGGCTATGCCCTGTATTGGATTGCCACACGGCTCACATTGCATGCAAGTTTGGCTG
AGCTGAAGGAAAAGATTGATCGCGCTTCTGGTAAAAAGCTGGAAGATGGCCCTAAATTTCTGAAGTCTGG
TGATGCTGCCATTGTTGATATGGTTCCTGGCAAGCCCATGTGTGTTGAGAGCTTCTCAGACTATCCACCT
TTGGGTGCTTTGCTGTTCTGTATATGAGACAGACAGTTGCGGTGGGTGTCATCAAGCAGTGGACAAGA
AGGCTGCTGGAGCTGGCAAGGTCACCAAGTCTGCCAGAAAGCTCAGAAGGCTAAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209697 protein sequence

Red=Cloning site Green=Tags(s)

 MGKEKTHINIVVIGHVDSGKSTTTGHLIYKCGIDKRTIEKFEKEAAEMGKGSFKYAWVLDKLKAERERG
ITIDISLWKFETSKYYVTIIDAPGHRDFIKNMITGTSQADCAVLIVAAGVGEFEAGISKNGQTREHALLA
YTLGVKQLIVGVNKMDSTEPPYSQKRYEEIVKEVSTYIKKIGYNPDVAFVPISGWNGDNMLEPSANMPW
FKGWKVTTRKDGNASGTTLEALDCILPPTRPDKPLRLPLQDVYKIGGIGTVPVGRVETGVLKPGMVVTF
APVNVTEVKSVMHHEALSEALPGDNVGFNVKNVSVKDVRRGNVAGDSKNDPPMEAAGFTAQVIILNHP
GQISAGYAPVLDCHTAHIAKFAELKEKIDRRSGKKLEDGPKFLKSGDAAIVDMVPGKPMCVESFSDYPP
LGRFAVRDMRQTVAVGVIAVDKKAAGAGKVTKSAQKAQKAK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001402

ORF Size:

1386 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_001402.5</u>
RefSeq Size:	3528 bp
RefSeq ORF:	1389 bp
Locus ID:	1915
UniProt ID:	<u>P68104</u>
Cytogenetics:	6q13
MW:	50.1 kDa