

Product datasheet for **RC207735A1V**

Human Translation factor GUF1, mitochondrial (GUF1) (NM_021927) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Translation factor GUF1, mitochondrial (GUF1) (NM_021927) AAV Particle
Tag:	Myc-DDK
Symbol:	GUF1
Synonyms:	DEE40; EF-4; EF4; EIEE40
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC207735 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTGGACCTCGTGGGTGCGGGCTGGGGGTGCGCACGCGCTCTCGCGCCACGAGCCACTGGGGCCGCGC
TTCTGGTGGCCCCGGGGCCCGGTCCGCGCCGACCTTGGGGCTGCTCCAGAGTCTGGGCTACCGACAG
GCTCTACAGCTCCGAGAAATTCAGGAAAACTTGACATGTCTAGGTTTCCTGTTGAAAAATTAGAAAT
TTCAGTATTGTTGCACACGTGGATCATGGCAAAAGTACTTTAGCTGACAGGCTCCTAGAATTACAGGGA
CAATTGATAAAACAAAGAATAAAGCAGGTTCTTGATAAATTGCAAGTGAACGAGAAAGAGGAATCAC
TGTTAAAGCACAGACAGCATCTCTTTTACAATTGTGAAGGAAAGCAGTACCTTTTAAATCTCATTGAT
ACACCGGGCCATGTTGATTTTAGTTATGAAGTATCCAGGTCACCTTCTGCTTGCAGGGTGTCTTACTTG
TGGTTGATGCAAATGAGGGAATCAAGCCAACTGTAGCAAATCTTTCTTGCCTTCGAAGCACAGCT
ATCGGTAAATCCAGTTATAAATAAGATAGATCTGAAGAATGCTGATCCTGAAAGGTTGAAAACCAAATT
GAGAAAGTGTTTGATATTCAGTGATGAATGATTAAGATTTCTGCTAAACTTGAACAAATGTTGAGA
GTGTTCTTCAGCAATTATTGAAAGAATCCCCCTCTAAAGTGCATCGAAAAATCCTCTGAGAGCTTT
GGTATTTGACTCCACCTTTGACCAGTATAGAGGTGTGATAGCCAATGTAGCATTATTTGACGGAGTGGTT
TCCAAAGGAGATAAAATTGTATCTGCACATACTCAAAAGACATACGAAGTTAATGAAGTAGGAGTCTTGA
ATCCTAATGAGCAGCCAACTCATAAATTATATGCAAGCAGGTGGGCTATCTGATTGCTGGGATGAAAGA
TGCTACTGAAGCGCAAATAGGAGATACATTATGTTACATAAGCAACCACTGGAGCCCTTGCCTGGGTTT
AAATCAGCGAAACCAATGGTATTTGCAGGAATGATCCTCTAGACCAATCTGAATATAACAATCTGAAGA
GTGCTATAGAAAACTGACTTTAAATGATTCCAGTGTGACCGTTCATCGGGATAGTAGCCTTGCTCTGGG
TGCTGGCTGGAGGCTAGGATTTCTTGGACTTTTGACACATGGAAGTTTTCAACCAGCGACTGGAGCAAGAA
TATAATGCTTCTGTTATTTTAAACCCCTACTGTTCCATATAAAGCTGTACTGTCATCATCAAAATTGA
TAAAGGAACATAGAGAAAAAGAAATTACAATTATCAATCCTGCACAATCCCCGATAAATCAAAAGTAAC
AGAATATTTGGAGCCAGTTGTTTGGGCACTATTATCACACCAGATGAATACACTGGAATAAATGATG
CTTTGCGAGGCTCGAAGAGCAGTTCAGAAGAATATGATATTTATTGATCAAAATAGAGTTATGCTTAAAT
ATCTCTTTCCTTTGAATGAAATTGTGGTAGATTTTATGACTCTTGAAATCCCTATCTTCTGGATATGC
TAGTTTTGATTACGAAGATGCAGGCTACCAGACTGCAGAACTTGTAATAATGGATATTCTACTGAATGGA
AATACTGTAGAGGAGCTAGTAAGTGTGTACACAAAGACAAAGCTCATTCAATTGGCAAAGCCATATGTG
AACGGCTGAAGGATTCTTCTCCTAGGCAACTGTTTGAGATAGCAATCAAGCTGCTATTGGAAGTAAAT
CATTGCAAGAGAACTGTGAAAGCCTATAGGAAAAACGTTTTGGCAAAATGTTATGGTGGTGATATTACC
CGAAAAATGAAGCTTTTGAAGAGACAAGCAGAGGGAAAAAAGCTGAGGAAAAATTGGCAACGTTGAAG
TTCCAAAAGATGCTTTTATAAAAGTTCTGAAAACACAATCTTCTAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207735 protein sequence Red=Cloning site Green=Tags(s) MWTLVGRGWGCARALAPRATGAALLVAPGPRSAPTLGAAPESWATDRLYSSAEFKEKLDMSRFPVENIRN FSIVAHVDHGKSTLADRLEL TGTIDTKNNKQVLDKLQVERERGITVKAQTASLFYNCEGKQYLLNLID TPGHVDFSYEVSRSLSACQGVLLVVDANEGIQATVANFFLAFAEQLSVIPVINKIDLNADPERVENQI EKVFDIPSDECIKISAKLGTNVEVLQAIIERIPPPKVHRKNPLRALVFDSTFDQYRGVIANVALFDGVV SKGDKIVSAHTQKTYEVNEVGVLNPNEQPTHKLYAGQVGyliAGMKDVTAEQIGDTLCLHKQPVEPLPGF KSAKPMVFAGMYPLDQSEYNNLKSaIEKLTlNDSSVTVHRDSSLALGAGWRLGFLGLHMEVFNQRLEQE YNASVILTTPVYPKAVLSSSLIKEHREKEITIINPAQFPDKSKVTEYLEPVVLGTIITPDEYTGKIMM LCEARRAVQKNMIFIDQNRVMLKYL FPLNEIVVDFYDSLKSLSSGYASFDYEDAGYQTAELVKMDILLNG NTVEELVTVVHKDKAHSIGKAICERLKDLSLPRQLFEIAIQAAIGSKIIARETVKAYRKNVLAKCYGGDIT RKMKLLKRQAEGKKLRKIGNVEVPKDAFIKVLKTQSSK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021927
ORF Size:	2007 bp
Buffer:	PBS with 0.001% Pluronic F6123
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_021927.1</u>
RefSeq Size:	4230 bp
RefSeq ORF:	2010 bp
Locus ID:	60558
UniProt ID:	<u>Q8N442</u>
Cytogenetics:	4p12
MW:	74.3 kDa