

Product datasheet for **RC205354A1V**

Human GLE1 (NM_001003722) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GLE1 (NM_001003722) AAV Particle
Tag:	Myc-DDK
Symbol:	GLE1
Synonyms:	CAAHC; CAAHD; GLE1L; hGLE1; LCCS; LCCS1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205354 representing NM_001003722
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCGCTCTGAGGGTCGCTGCTGGGAGACCTTGAAGGCCCTACGCAGTTCGACAAAGGTCGCCTTTGCT
 ACTACCGCGACTGGCTGCTGCGGCGCGAGGATGTTTTAGAAGAATGTATGTCTCTTCCCAAGCTATCTTC
 TTATTCTGGATGGGTGGTAGAGCACGTCTACCCCATATGCAGGAGAACCAACCTCTGTCTGAGACTTCG
 CCATCTCTACGTCAGCTTCAGCCCTAGATCAACCCTCATTTGTTCCCAATCTCCTGACGCAAGCTCTG
 CCTTTTCCCGAGCCTCCCTGCAACACCAAAATGGAACCAAGGGCAAGATGAGTCCCAGCACACAGAATC
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 AGAATGAAGACCTCCAGGTGAAGGTACAAGACATTACAATGCAGTGGTACCAGCAGCTGCAGGATGCTTC
 CATGCAGTGTGTGTTGACCTTTGAGGGCCTGACCAACAGCAAGGACAGTCAGGCCAAAAAGATAAAGATG
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 TTTCAAGGAGGAATGGCTTTGGAAGACTATCAGAGGATGCTTGGTTACCAAGTAAAGGATTCCAAAGTG
 GAGCAGCAAGACAACCTTTCTAAAACGCATGTCAGGGATGATCCGTCTCTACGCTGCTATCATCCAGCTCC
 GGTGGCCATATGGAAACCAACAGGAGATTACCCCTCATGGCTTAAATCATGGATGGCGCTGGTTGGCACA
 GATCTTAAACATGGAGCCCTTGTGAGATGTGACAGCCACCCTCCTCTTTGACTTCCTGGAGGTGTGTGGG
 AATGCCCTCATGAAGCAATACCAGGTTCAAGTCTGGAAGATGCTAATTCTCATCAAGAGGACTACTTTC
 CCAGAATTGAAGCTATCACAAGCTCAGGACAGATGGGCTCCTTCATACGCCTCAAGCAGTTCTTGGAGAA
 ATGTTTGCAACACAAGGACATTCTGTCCCAAGGGCTTTCTGACTTCCTCCTTCTGGCGCTCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205354 representing NM_001003722 Red=Cloning site Green=Tags(s) MPSEGRWCWETLKALRSSDKGRLCYRDWLLRREDVLEECMSLPKLSSYSGWVVEHVLPHMQENQPLSETS PSSTSASALDQPSFVPKSPDASSAFSPASPATPNGTKGKDESHTESMVLQSSRGIKVEDCVRMVELVHR MKGTEGLRLWQEEQERKVQALSEMASEQLKRFDEWKELKQHKFQDLREVMEKSSREALGHQEKLAEHR HRAKILNLKLREAEQQRVKQAEQERLRKEEGQIRLALYALQEMLQLSQQLDASEQHKALLKVDLAAFQ TRGNQLCSLISGIIIRASSESSYPYTAESQAEALREMRDLLMNLGQEITRACEDKRRQDEEEAQVKLQE AQMQQGPEAHKEPPAPSQGPGGKQNEQLQVKVQDITMQWYQQLQDASMQCVLTFEGLTNSKDSQAKKIKM DLQKAATIPVSQISTIASGSKLKEIFDKIHSLLSGKPVQSGGRSVSVTLNPQGLDFVQYKLAEFVKQGEE EVASHHEAAFPVAVVASGIWELHPRVGDILAHLLHKKCPYSVPFYPTFKEGMALEDYQRMGLGYQVKDSKV EQQDNFLKRMSGMIRLYAAIIQLRWPYGNQGEIHPHGLNHGWRWLAQILNMEPLSDVTATLLDFLEVCG NALMKQYQVQFWKMLILIKEDYFPRIEAITSSGQMGFIRLKQFLEKCLQHKDIPVPGKFLTSSFWRS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001003722
ORF Size:	2094 bp
Buffer:	PBS with 0.001% Pluronic F5692
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_001003722.1, NP_001003722.1</u>
RefSeq Size:	3350 bp
RefSeq ORF:	2097 bp
Locus ID:	2733
UniProt ID:	<u>Q53GS7</u>
Cytogenetics:	9q34.11
MW:	79.9 kDa