

Product datasheet for **RC200147A1V**

Human MAEA (NM_001017405) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MAEA (NM_001017405) AAV Particle
Tag:	Myc-DDK
Symbol:	MAEA
Synonyms:	EMLP; EMP; GID9; HLC-10; P44EMLP; PIG5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200147 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGTGCAGGAGTCGGCGGCTCAGTTGTCCATGACCCTGAAGGTCCAGGAGTACCCGACCCTCAAGG
TGCCCTACGAGACGCTGAACAAACGCTTTCGCGCCGCTCAGAAGAACATTGACCGGGAGACCAGCCACGT
CACCATGGTGGTGGCCGAGCTGGAGAAGACGTTGAGCGGCTGCCCCGCGTGGACTCCGTGGTCAGCCTG
CTGGACGGCGTGGTGGAGAAGCTCAGCGTCCTCAAGAGGAAGGCGGTGGAATCCATCCAGGCCGAGGACG
AGAGCGCAAGCTGTGCAAGCGCCGATCGAGCACCTCAAAGAGCATAGCAGCGACCCGCGCGCGC
CAGCGTGTGGAAGAGGAAGCGCATGGATCGCATGATGGTGGAGCACCTGCTGCGTTGCGGCTACTACAAC
ACGGCTGTCAAGCTGGCGGCCAGAGCGGCATCGAGGACCTAGTGAATATTGAGATGTTCTGACGGCCA
AAGAGGTGGAGGAGTCCCTGGAGAGGCGTGAGACGGCCACCTGCCTGGCCTGGTGCCATGACAACAAGTC
CCGGCTCCGGAAGATGAAGAGCTGCCTGGAGTTCAGCCTCAGAATCCAGGAGTTCATTGAACTCATCCGG
CAGAATAAGAGACTGGACGCTGTGAGACATGCAAGAAAGCACTTCAGCCAAGCAGAAGGGAGCCAGCTGG
ACGAGGTGCGCCAGGCCATGGGCATGCTGGCCTTCCGCCCCGACACGCACATCTCCCGTACAAGGACCT
TCTGGACCCTGCACGGTGGCGGATGCTGATCCAGCAGTTCGGTACGACAACCTACCGACTACACGAGCTG
GGAAACAATTCTGTGTTACCCCTCACCTGCAGGCCGGCTCTCAGCCATCAAGACACCAGTGTCTACA
AGGAGGACGGCAGCTCCAAGAGCCCTGACTGCCCTGTGTGCAGCGCTCCCTGAACAAGCTGGCGCAGCC
CCTGCCCATGGCCCACTGTGCCAACTCCCGCCTGGTCTGCAAGATTTCTGGCGACGTGATGAACGAGAAC
AATCCGCCCATGATGCTGCCAACGGCTACGTCTACGGCTACAATTCTCTGCTTTCTATCCGTCAAGATG
ATAAAGTCGTGTGCCGAGAACCAGAAAGTCTTCCACTTCTCACAAGCCGAGAAGGTGTACATCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200147 protein sequence Red=Cloning site Green=Tags(s) MAVQESAAQLSMTLKVQEYPTLKVPYETLNKRFRAAQKNIDRETSHVTMVVAELEKTLSGCPAVDSVVSLLDGVVEKLSVLKRKAVESIQAEDESACLCKRRIEHLKEHSSDQPAASVWKRKMDRMMVEHLLRCGYNTAVKLARQSGIEDLVNIEMFLTAKEVEESLERRETATCLAWCHDNKSRLRKMKSCLEFSLRIQEFIELIRQNKRLDAVRHARKHFSQAEGSQLDEVQAMGLAFPPDTHISPYKDLLDPARWRMLIQQFRYDNYRLHQLGNNSVFTLTLQAGLSAIKTPQCYKEDGSSKSPDCPVCSRSLNKLQAQLPMAHCANSRLVCKISGDVMNENPPMMLPNGVYVGYNSLLSIRQDDKVVCPRTKVEVFHFSQAEEKVYIM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001017405
ORF Size:	1188 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_001017405.1</u>
RefSeq Size:	2250 bp
RefSeq ORF:	1191 bp
Locus ID:	10296
UniProt ID:	<u>Q7L5Y9</u>
Cytogenetics:	4p16.3
MW:	45.3 kDa