

Product datasheet for **RC227431A1V**

Human **ESM1 (NM_001135604) AAV Particle**

Product data:

Product Type: AAV Particles
Product Name: Human ESM1 (NM_001135604) AAV Particle
Tag: Myc-DDK
Symbol: ESM1
Synonyms: endocan
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC227431 representing NM_001135604
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGAGCGTCTTGCTGCTGACCACGCTCCTCGTGCCTGCACACCTGGTGGCCGCTGGAGCAATAATT
ATGCGGTGGACTGCCCTCAACTGTGACAGCAGTGAGTGCAAAAGCAGCCCGCTGCAAGAGGACAGT
GCTCGACGACTGTGGCTGCTGCCGAGTGTGCGCTGCAGGGCGGGGAGAACTTCTACCGCACAGTCTCA
GGCATGGATGGCATGAAGTGTGGCCCGGGCTGAGGTGTCAGCCTTCTAATGGGGAGGATCCTTTTGGTG
AAGAGTTTGGTATCTGCAAAGAGCATGACATGGCATCTGGAGATGGCAATATTGTGAGAGAAGAAGTTGT
GAAAGAGAATGCTGCCGGTCTCCCGTAATGAGGAAATGGTTAAATCCACGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227431 representing NM_001135604
Red=Cloning site Green=Tags(s)

MKSVLLLTLLVPAHLVAAWSNNYAVDCPQHCDSECKSSPRCKRTVLDCCGCCRVAAGRGETCYRTVS
GMDGMKCGPLRCQPSNGEDPFGEFFGICKEHDMASGDGNIIVREEVVKENAAGSPVMRWLNPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001135604



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ORF Size:	402 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_001135604.1</u>
RefSeq ORF:	405 bp
Locus ID:	11082
UniProt ID:	<u>Q9NQ30</u>
Cytogenetics:	5q11.2
MW:	14.51 kDa