

## Product datasheet for **RC202173A1V**

### Human **ESM1 (NM\_007036) AAV Particle**

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human ESM1 (NM\_007036) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** ESM1  
**Synonyms:** endocan  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC202173 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAAGAGCGTCTTGCTGCTGACCAGCTCCTCGTGCCTGCACACCTGGTGGCCGCTGGAGCAATAATT  
ATGCGGTGGACTGCCCTCAACTGTGACAGCAGTGAGTGCAAAAGCAGCCCGCTGCGAGAGGACAGT  
GCTCGACGACTGTGGCTGCTGCCGAGTGTGCGCTGCAGGGCGGGGAGAACTTGTACCCACAGTCTCA  
GGCATGGATGGCATGAAGTGTGGCCCGGGCTGAGGTGCAGCCTTCTAATGGGAGGATCCTTTTGGTG  
AAGAGTTGGTATCTGCAAAGACTGCCCTACGGCACCTCGGGATGGATTGCAGAGAGACCTGCAACTG  
CCAGTCAGGCATCTGTGACAGGGGACGGGAAAATGCCTGAAATTCCCTTCTTCCAATATTCAGTAACC  
AAGTCTTCCAACAGATTTGTTTCTCTCACGGAGCATGACATGGCATCTGGAGATGGCAATATTGTGAGAG  
AAGAAGTTGTAAAGAGAATGCTGCCGGTCTCCCGTAATGAGGAAATGGTTAAATCCACGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC202173 protein sequence  
Red=Cloning site Green=Tags(s)

MKSVLLLTLLVPAHLVAAWSNNYAVDCPQHCDSSSECKSSPRCERTVLDGCCRVCVCAAGRGETCYRTVS  
GMDGMKCGPLRCQPSNGEDPFGEFFGICKDCPYGTFGMDCRETNCQSGICDRGTGKCLKFPFFQYSVT  
KSSNRFVSLTEHDMASGDGNIVREEVVKENAAGSPVMRKWLNPR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2



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ACCN:	NM_007036
ORF Size:	552 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><a href="#">NM_007036.2</a></u>
RefSeq Size:	2089 bp
RefSeq ORF:	555 bp
Locus ID:	11082
UniProt ID:	<u><a href="#">Q9NQ30</a></u>
Cytogenetics:	5q11.2
MW:	20.1 kDa