

## Product datasheet for **RC200709A1V**

### Human MEA1 (NM\_014623) AAV Particle

#### Product data:

Product Type: AAV Particles  
Product Name: Human MEA1 (NM\_014623) AAV Particle  
Tag: Myc-DDK  
Symbol: MEA1  
Synonyms: HYS; MEA  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >RC200709 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGGCCTGAAAGGCATCTGTCAAGCGCCCTGCCCGGATGGCAACAGTAGTTCTAGGAGGAGACACCA  
TGGGCCCTGAGCGTATCTTCCCCAATCAGACTGAGGAAGTGGGACATCAGGGCCCTTCAGAAGGCACTGG  
GGATTGGAGCAGTGAGGAGCCTGAGGAAGAGCAGGAGGAAACGGGGTCCGGGCCAGCTGGCTACTCCTAC  
CAGCCCCTGAACCAAGATCCTGAACAAGAGGAGGTGGAAGTGGCACCAGTGGGGGATGGAGATGTAGTTG  
CTGACATCCAGGATCGAATCCAGGCCCTGGGGCTTCATTGCCAGACCCACCATTAGAGAGTGAAGATGA  
AGATGAGGAGGGAGCTACAGCGTTGAACAACACAGCTCTATTCCCATGGACCCAGAACATGTAGAGCTG  
GTGAAAAGGACAATGGCTGGAGTAAGCCTGCCTGCGCCAGGGGTTCTGCCTGGGCTCGGAGATATCGG  
ATGCCAGTGGGAAGATGTGGTACAGAAAGCCCTCCAAGCCCGGCAGGCATCCCCTGCCTGGAAG

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200709 protein sequence  
Red=Cloning site Green=Tags(s)

MGPERHLSGAPARMATVVLGGDTMGPERIFPNQTEELGHQGPSEGTDWSSEPEEEQEETGSGPAGYSY  
QPLNQDPEQEEVELAPVGDGDVADIQDRIQALGLHLPDPPLSEDEDEEGATALNNHSSIPMDPEHVEL  
VKRTMAGVSLPAPGVPWAREISDAQWEDVVQKALQARQASPAWK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human  
Serotype: AAV-2



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|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACCN:         | NM_014623                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 555 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_014623.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 868 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RefSeq ORF:   | 558 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 4201                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u><a href="#">Q16626</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 6p21.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:           | 19.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |