

## Product datasheet for **RC220110A1V**

### Human NPM2 (NM\_182795) AAV Particle

#### Product data:

Product Type: AAV Particles  
Product Name: Human NPM2 (NM\_182795) AAV Particle  
Tag: Myc-DDK  
Symbol: NPM2  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >RC220110 representing NM\_182795  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAATCTCAGTAGCGCCAGTAGCACGGAGGAAAAGGCAGTGACGACCGTGCTCTGGGGCTGCGAGCTCA  
GTCAGGAGAGGCGGACTTGGACCTTCAGACCCAGCTGGAGGGGAAGCAGAGCTGCAGGCTGTTGCTTCA  
TACGATTTGCTTGGGGGAGAAAGCCAAAGAGGAGATGCATCGCTGGAGATCCTGCCCCAGCAAACAG  
GAGGACAAGAAGATGCAGCCGGTCACCATTCCTCACTCCAGGCCTCAGTCCTCCCATGGTCTCCATGG  
TAGGAGTGCAGCTTTCTCCCCAGTTACTTTCCAGCTCCGGGCTGGCTCAGGACCCGTGTTCTCAGTGG  
CCAGGAACGTTATGAAGCATCAGACCTAACCTGGGAGGAGGAGGAGGAAGAAGAAGGGGAGGAGGAGGA  
GAGGAAGAGGAAGATGATGAGGATGAGGATGCAGATATATCTCTGGAGGAGCAAAGCCCTGTCAAACAAG  
TCAAAAGGCTGGTGCCCCAGAAGCAGGCGAGCGTGGCTAAGAAAAAAGCTGGAAAAAGAAGAGAGGA  
AATAAGAGCCAGCGTTAGAGACAAGAGCCCTGTGAAAAAGGCCAAAGCCACAGCCAGAGCCAAGAAGCCA  
GGATTCAAGAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC220110 representing NM\_182795  
Red=Cloning site Green=Tags(s)

MNLSSASSTEEKAVTTVLWGCELSQERRTWTFRQLEGKQSCRLLHTICLGEKAKEEMHRVEILPPANQ  
EDKKMQPVTIASLQASVLPVSMVGVQLSPPVTFQLRAGSGPVFLSGQERYEASDLTWEEEEEEEEEEEE  
EEEEDEDEDADISLEEQSPVKQVKRLVPQKQASVAKKKKLEKEEEEIRASVRDKSPVKKAKATARAKKP  
GFKK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



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|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Serotype:</b>     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>         | NM_182795                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>     | 642 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Stability:</b>    | 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. |
| <b>RefSeq:</b>       | <u><a href="#">NM_182795.1</a></u> , <u><a href="#">NP_877724.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq Size:</b>  | 1118 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 645 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>     | 10361                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u><a href="#">Q86SE8</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 8p21.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>           | 24 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |