

## Product datasheet for **RC200280A1V**

### Human IPP 2 (PPP1R2) (NM\_006241) AAV Particle

#### Product data:

**Product Type:** AAV Particles

**Product Name:** Human IPP 2 (PPP1R2) (NM\_006241) AAV Particle

**Tag:** Myc-DDK

**Symbol:** IPP 2

**Synonyms:** IPP-2; IPP2; PPP1R2A

**Mammalian Cell Selection:** None

**Vector:** pAAV-AC-Myc-DDK (PS100089)

**ORF Nucleotide Sequence:** >RC200280 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCGGCCTCGACGGCCTCGCACCGGCCCATCAAGGGGATCTTGAAGAACAAGACCTCTACGACTTCCT  
CTATGGTGGCGTCGGCCGAACAGCCCCGCGGAATGTCGACGAGGAGCTGAGCAAAAATCCCAGAAGTG  
GGATGAAATGAACATCTTGGCGACGTATCATCCAGCAGACAAAGACTATGGTTTAATGAAATAGATGAA  
CCAAGCACTCCTTACCATAGTATGATGGGGGATGATGAAGATGCCTGTAGTGACACCGAGGCCACTGAAG  
CCATGGCGCCAGACATCTTAGCCAGGAAATTAGCTGCAGCTGAAGGCTTGAGCCAAAGTATCGGATTCA  
GGAACAAGAAAGCAGTGGAGAGGAGGATAGTGACCTCTCACCTGAAGAACGAGAAAAAAGCGACAATTT  
GAAATGAAAAGGAAGCTTCACTACAATGAAGGACTCAATATCAAACTAGCCAGACAATTAATTTCAAAG  
ACCTACATGATGATGATGAAGATGAAGAAATGTTAGAGACTGCAGATGGAGAAAGCATGAATACGGAAGA  
ATCAAATCAAGGATCTACTCCAAGTGACCAACAGCAAAACAAATTACGAAGTTCA

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC200280 protein sequence  
Red=Cloning site Green=Tags(s)

MAASTASHRPIKGILKNKTSTTSSMVASAEQPRGNVDEELSKKSQKWDEMNILATYHPADKDYGLMKIDE  
PSTPYHSMMDDEDACSDTEATEAMAPDILARKLAAAEGLEPKYRIQEQESSGEEDSDL SPEEREKKRQF  
EMKRKLHYNELNIKLARQLISKDLHDDDEDEEMLETADGESMNTEESNQGSTPSDQQNKLRS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human



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|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Serotype:     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:         | NM_006241                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 615 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_006241.3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 3468 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 618 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:     | 5504                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:   | <u><a href="#">P41236</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 3q29                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:           | 23 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |