

## Product datasheet for **RC206360A1V**

### Human ENPP6 (NM\_153343) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human ENPP6 (NM_153343) AAV Particle                              |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | ENPP6                                                             |
| Synonyms:                 | NPP6                                                              |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC206360 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCAGTGAAGCTTGGGACCCTCCTGCTGGCCCTTGCCTGGGCTGGCCAGCCAGCCTCTGCCCGCC  
GGAAGCTGCTGGTGTTCCTGCTGGATGGTTTCGCTCAGACTACATCAGTGATGAGGCGCTGGAGTCATT  
GCCTGGTTTCAAAGAGATTGTGAGCAGGGGAGTAAAGTGGATTACTTGACTCCAGACTTCCTAGTCTC  
TCGTATCCCAATTATTATACCCTAATGACTGGCCGCCATTGTGAAGTCCATCAGATGATCGGGAAGTACA  
TGTGGGACCCACCACCAACAAGTCCTTTGACATTGGCGTCAACAAAGACAGCCTAATGCCTCTCTGGTG  
GAATGGATCAGAACCTCTGTGGGTCACTCTGACCAAGGCCAAAAGGAAGGTCTACATGTACTACTGGCCA  
GGCTGTGAGGTTGAGATTCTGGGTGTCAGACCCACCTACTGCCTAGAATATAAAATGTCCCAACGGATA  
TCAATTTTCCAATGCAGTCAGCGATGCTCTTGACTCCTTCAAGAGTGGCCGGGCCGACCTGGCAGCCAT  
ATACCATGAGCGCATTGACGTGGAAGGCCACCACTACGGGCTGCATCTCCGAGAGGAAAGATGCCCTC  
AAGGCTGTAGACACTGTCCTGAAGTACATGACCAAGTGGATCCAGGAGCGGGCCTGCAGGACCGCTGA  
ACGTATTATTTCTCGGATCACGGAATGACCGACATTTCTGGATGGACAAAGTATTGAGCTGAATAA  
GTACATCAGCCTGAATGACCTGCAGCAAGTGAAGGACCGGGCCTGTTGTGAGCCTTTGGCCGGCCCT  
GGGAAACACTCTGAGATATATAAACTGAGCACAGTGAACACATGACTGTCTACGAGAAAGAAGCCA  
TCCAAGCAGGTTCTATTACAAGAAAGGAAAGTTGTCTCTCCTTTGACTTTAGTGGCTGATGAAGGCTG  
GTTCACTAAGTGAATCGAGAGATGCTTCCGTTTGGATGAACAGCACCGGCAGGCGGGAAGGTTGGCAG  
CGTGGATGGCAGGCTACGACAACGAGCTCATGGACATGCGGGGCATCTTCTGGCCTTCGGACCTGATT  
TCAATCCAATTCAGAGCTGCTCCTATCAGGTCGGTGGACGTCTACAATGTCATGTGCAATGTGGTGGG  
CATCACCCCGCTGCCAACAACGGATCCTGGTCCAGGGTGATGTGCATGTGAAGGGCCGCGCCAGCACT  
GCCCGCCTGTCTGGCCAGCCACTGTGCCCTGGCACTGATTCTTCTCTCTGCTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC206360 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAVKLGTLALLALGLAQPASARRKLLVFLLDGFRSDYISDEALESPLGFKEIVSRGVKVDYLTPDFPSL<br/> SYPNYYTLMTGRHCEVHQMIGNYMWDPTTNKSFDIGVNKDSLMLPWWNGSEPLWVTLTKAKRKVYMYWP<br/> GCEVEILGVRPTYCLEYKNVPTDINFANAVSDALDSFKSGRADLAAYHERIDVEGHYGPASPQRKDAL<br/> KAVDTVLKYMTKWIQERGLQDRNLNVIIFSDHGMDIFWMDKVIELNKYISLNDLQQVKDRGPVSLWPAP<br/> GKHSEIYNKLSTVEHMTVYEKAIPSRFYKKGKFVSPLTLVADEGWFITENREMLPFWMNSTGRREGWQ<br/> RGWHGYDNELMDMRGIFLAFGPDFKSNFRAAPIRSVDVYNVMCNVVGITPLPNNGSWSRVMCMLKGRAST<br/> APPVWPSHCALALILLFLA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| ACCN:             | NM_153343                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ORF Size:         | 1320 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:           | <a href="#">NM_153343.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RefSeq Size:      | 3936 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RefSeq ORF:       | 1323 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Locus ID:         | 133121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:       | <a href="#">Q6UWR7</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Cytogenetics:     | 4q35.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:               | 50.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |