

## Product datasheet for **RC210618A1V**

### Human PHOSPHO2 (NM\_001008489) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human PHOSPHO2 (NM\_001008489) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** PHOSPHO2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC210618 representing NM\_001008489  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAATTTTGCTAGTTTTGACTTTGACAATACAATCATAGATGACAATAGTGACACTTGGATTGTAC  
 AATGTGCTCCCAACAAAAGCTTCTATTGAACTACGTGATTCTTATCGAAAAGGATTTGGACAGAATT  
 TATGGGCAGAGTCTTTAAGTATTTGGGAGATAAGGGTGAAGAGAACATGAAATGAAAAGAGCAGTGACA  
 TCATTGCCTTTCCTCCAGGGATGGTGGAACTTCACTTTATAAGAAAGAATAAGGATAAATTTGACT  
 GCATTATTATTCAGATTCAAATTCGGTCTTCATAGATTGGGTTTTAGAAGCTGCCAGTTTTTCATGACAT  
 ATTTGATAAAGTGTTCACAAATCCAGCAGCTTTTAATAGCAATGGTCATCTCACTGTTGAAAATTATCAT  
 ACTCATTCTTGAATAGATGCCCAAAGAATCTTTGCAAAAAGGTAGTTTTGATAGAATTTGTAGATAAAC  
 AGTTACAACAGGGAGTGAATTATACACAAATTGTTTATATTGGTATGGTGGAAATGATGTCTGTCCAGT  
 CACCTTTTTAAAGAATGATGATGTTGCCATGCCACGAAAGGATATACCTTACAGAAAACCTTTCCAGA  
 ATGTCTCAAAATCTTGAGCCTATGGAATATTCTGTTGTAGTTGGTCTCAGGTGTTGATATAATTTCTC  
 ATTTACAATTTCTAATAAAGGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC210618 representing NM\_001008489  
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MKILLVDFDNTIIDDNSDTWIVQCAPNKKLPIELRDSYRKGFWTEFMGRVFKYLGDKGVREHEMKRAVT  
 SLPFTPGMVELFNFIRKNKDKFDCIIISDSNSVFDWVLEAASFHDIFDKVFTNPAAFNSNGHLTVENYH  
 THSCNRCPKNLCKKVVLIEFVDKQLQQGVNYTQIVYIGDGGNDVCPVTFLNDDVAMPKGYTLQKTLRS  
 MSQNLPEMEYSVVVWSSGVDIIISHLQFLIKD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



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|                      |   |
|----------------------|---|
| <b>Species:</b>      | Human   |
| <b>Serotype:</b>     | AAV-2   |
| <b>ACCN:</b>         | NM_001008489  |
| <b>ORF Size:</b>     | 723 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_001008489.2</a></u>   |
| <b>RefSeq Size:</b>  | 1138 bp   |
| <b>RefSeq ORF:</b>   | 726 bp  |
| <b>Locus ID:</b>     | 493911  |
| <b>UniProt ID:</b>   | <u><a href="#">Q8TCD6</a></u>   |
| <b>Cytogenetics:</b> | 2q31.1  |
| <b>MW:</b>           | 27.6 kDa  |