

## Product datasheet for **MR203396A1V**

### Mouse Ptpmt1 (NM\_025576) AAV Particle

#### Product data:

|                          |                                                                             |
|--------------------------|-----------------------------------------------------------------------------|
| Product Type:            | AAV Particles                                                               |
| Tag:                     | Myc-DDK                                                                     |
| Symbol:                  | Ptpmt1                                                                      |
| Synonyms:                | 1110001D10Rik; 2810004N20Rik; PLIP                                          |
| Mammalian Cell           | None                                                                        |
| Selection:               |                                                                             |
| Vector:                  | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence: | >MR203396 representing NM_025576<br>Red=Cloning site Blue=ORF Green=Tags(s) |

CTATAGGGCGGCCGGAATTTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
GCCC

ATGGCTCCTGTTCCGGGATCCCTCGGGCAGGGCCGGGACTCCGGGGACTCAGCTTCGAAGAGTCGGGAGG  
CATCAGGTGGCCCTCAGCTCTCGTCTCCGCGTCTTCTCGCGGTGGTGGTCGCGAGCCCCGGGCGCG  
TGGCTGGCCGCTGCGCCTGGCGGGGTGGGGCGCCTCGCCACTGCGCCTGGCGGGGTGGGGCGGGATGGCG  
GCCTCCGCGTGGCTGGAGGCCGGCTGGCCCGGGTGTCTTCTACCCGACGCTGCTCTACACAGTGTTC  
GGGGGAGGGTGGCGGCCCGGGCGCACCCGCGACTGGTACCACCGCATCGACCACACGGTTCGTCTGGGCGC  
GCTGCCGCTGAAGAACATGACGCGCCGGCTGGTACTGGACGAGAACGTGCGCGGGGTGATCACTATGAAC  
GAGGAGTACGAGACCCGATTCTGTGCAACACCTCGAAGGAATGGAAGAAAGCAGGAGTTGAGCAGCTAC  
GGCTCAGCACAGTCGACATGACTGGGTCCCAACCTTGCCAATCTCCACAAAGGAGTCCAGTTTGCTCT  
CAAGTACCAGGCACTGGCCAGTGTGTCTATGTGATTGTAAGGCTGGTCGATCCAGAAGTGCCACAATG  
GTGGCAGCCTATCTGATTCAGGTACACAACCTGGAGCCAGAGGAGGCTATAGAAGCGATCGCCAAAATCC  
GGTCACACATCTCCATCAGGCCAGCCAGCTGGAAGTTCTCAAAGAGTTCCACAAGGAGATCACTGCAAG  
GGCAGCAAAGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR203396 representing NM_025576<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MAPVPGSLGQGRDSGDSASKSREASGGPQLSSSASF SRWLVASPGAGGWPLRLAGWGASPLRLAGWGGMA<br/>           ASAWLEAGLARVLFYPTLLYTVFRGRVRGPAHRDWYHRIDHTVLLGALPLKNMTRRLVLDENVRGVITMN<br/>           EEYETRFLCNTSKEWKKAGVEQLRLSTVDMTGVP TLANLHKG VQFALKYQALGQC VYVHCKAGRSRSATM<br/>           VAAyliQVHNWSPEEAIEAIAKIRSHISIRPSQLEVLKEFHKEITARAANK</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLA</span><span style="color: green;">ANDILDYK</span><span style="color: green;">DDDDKV</span></p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ACCN:</b>             | NM_025576                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ORF Size:</b>         | 783 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_025576.2</a></u> , <u><a href="#">NP_079852.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>      | 1322 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>       | 786 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>         | 66461                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>       | <u><a href="#">Q66GT5</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>     | 2 E1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MW:</b>               | 28.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |