

## Product datasheet for **MR229428A1V**

### Mouse Ptgr2 (NM\_001252625) AAV Particle

#### Product data:

|                          |                                                                                    |
|--------------------------|------------------------------------------------------------------------------------|
| Product Type:            | AAV Particles                                                                      |
| Tag:                     | Myc-DDK                                                                            |
| Symbol:                  | Ptgr2                                                                              |
| Synonyms:                | 1810016I24Rik; 9130222H03Rik; 9630002F03Rik; A1838763; B830026H24Rik; PGR-2; PRG-2 |
| Mammalian Cell           | None                                                                               |
| Selection:               |                                                                                    |
| Vector:                  | pAAV-AC-Myc-DDK (PS100089)                                                         |
| ORF Nucleotide Sequence: | >MR229428 representing NM_001252625<br>Red=Cloning site Blue=ORF Green=Tags(s)     |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGATCATACAAAGAGTGGTATTGAATCCCGACCTGGGAAAAATGGAATCCAGTCGCAGAGAACTTCA  
GGGTGGAAGAGTTCAGTTTACCGGATGCTCTCAATGAAGGTCAAGTTCAAGTGAGGACTCTTATCTCTC  
GGTGGATCCTTACATGCGCTGTAAGATGAACGAGGACACTGGCACTGACTACTTGGCACCGTGGCAGCTG  
GCGCAGGTGGCTGATGGTGGAGGAATTGGAGTTGTAGAGGAGAGCAAGCACCAGAAAGTTGACTAAAGGCG  
ATTTTGTGACTTCGTTTTACTGGCCCTGGCAAATAAGGCAATTCAGATGGGAATGGCCTTGAAAAGGT  
AGACCCACAACCTTGTAGATGGACACCTTTCATATTTCTTGGGGCTATAGGTATGCCTGGCTTGACTTCC  
TTGATTGGGGTACAGGAGAAAGGCCATATATCTGCTGGATCTAATCAGACAATGGTTGTAGTGAGCAG  
CAGGCCCTGTGGATCTTTGGCTGGGAGATTGGCCACCTGCTTGGCTGTTCCAGAGTGGTGGGAATTTG  
TGGAACGCAGGAGAAATGTCTTTTTGACCTCAGAGCTGGGGTTTGATGCTGCAGTTAATTACAAAACA  
GGGAATGTGGCAGAGCAGCTGCGAGAAGCGTGCCCGGGCGGAGTGGATGTCTACTTTGACAATGTTGGAG  
GTGACATCAGCAACGCGGTGATAAGTCAGATGAATGAGAACAGCCACATCATCTGTGTGGTCAGATTTT  
TCAGTACAGTAACGATGTGCCCTACCTCCTCCACTGCCCCCTGCAGTAGAAGCCATCCGGAAGGAACGA  
AACATCACAAGAGAGAGATTTACGGTATTAATAAAGATAAAGATAAATTTGAGCCTGGAATTCTACAGCTGA  
GTCAGTGGTTTAAAGAAGGAAAGCTAAAGGTCAAGGAGACCATGGCAAAGGGCTTGGAAAACATGGGAGT  
TGCATTCCAGTCCATGATGACAGGGGCAACGTAGGAAACAGATCGTCTGCATTTCAGAAGATTCTTCT  
CTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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| <b>Protein Sequence:</b> | <p>&gt;MR229428 representing NM_001252625</p> <p>Red=Cloning site Green=Tags(s)</p> <p>           MIIQRVVLNSRPGKNGNPVAENFRVEEFSLPDALNEGQVQVRTLYLSVDPYMRCKMNEDTGT DY LAPWQL<br/>           AQVADGGGIGVVEESKHQKLTKGDFVTSFYWPWQTKAILDGNLEKVD PQLVDGHL SYFLGAIGMPGLTS<br/>           LIGVQEKGHISAGSNQTMVVS GAAGACGSLAGQIGHLLGCSR VVGICGTQEKCLFLTSELGFDAAVNYKT<br/>           GNVAEQLREACPGGVDVYFDNVGGDISNAVISQMNENSHIILCGQISQYSNDVPYPPPLPPAVEAIRKER<br/>           NITRERFTVLNYKDKFEPGILQLSQWFKEGKLVKETMAKGLENMGVAFQSM MTGGNVGKQIVCISEDSS<br/>           L         </p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ACCN:</b>             | NM_001252625                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ORF Size:</b>         | 1053 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Stability:</b>        | <p>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.</p>                                                                                                                         |
| <b>RefSeq:</b>           | <u>NM_001252625.1, NP_001239554.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>      | 3178 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>RefSeq ORF:</b>       | 1056 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Locus ID:</b>         | 77219                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID:</b>       | <u>Q8VDQ1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cytogenetics:</b>     | 12 D1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>               | 38.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |