

## Product datasheet for **MR230093A1V**

### Mouse Pramel47 (NM\_001270456) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | Pramel47                   |
| Synonyms:      | 100041296                  |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |



**ORF Nucleotide Sequence:** >MR230093 representing NM\_001270456  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGAGTGGTCAGACCCACCCACACACTCTGCTGACACATGAAGCTTTGATCATGTCCTCTCTGGAGG  
 AGTTGCCTACTGTGGTCTTCCAGCACTATTCAAAGAGGCCTTTGCTGGCAGACAAACCAATCTCCTAAA  
 GGCAATGGTGGCAGCCTGGCCTTTCCCTGTCTCCATGTGGGGTCAATTGATGAAGAAGCCTAACCTAGAA  
 ACCTTGCAAGCTCTGCTAGATGGAATAGACATGCGACTGACAAGAGAGTTTACCCCAGGAGGGCAAAAC  
 TTCAGGTTCTTGACATGAGAAATATGTACCATGCCTTCTGGAACATACGGGCTGATGCAAAATGACAGTGA  
 CTATAAATCAAAGACATTGGATGAAAAGCAGCTAGTGAAGGTCTTCCGAGATATGCACGGAGGCAGCGT  
 CTGAAGGTCAATAGTCAACCTGTCAATCAGTCCCACTTCAATAAATCAAAGGCATATTTCTGAATTGGG  
 CCAAGCAGAGAATAGGATCCCTATATTTCTGCTGTATAAAGATGAAGATCTGGGACCCACCAGACCAAGT  
 TATCAGAGACATCTTAAATGTTTTGATCCAGAGCACATCACAGAATTAGAAGTGAATACTGACTGGACT  
 CTGTTACAACCTTGACATTTTCTCCCTATTTTGGGCACATGAAAAATCTTCAAAAAGTCTTCTGGCAC  
 CCCTCCACAAGAATACCTCCCTATTATCAATATAACAAGTGCCACAGAAGCCAAGTGTTGCACAAAAT  
 TATTTCTCAGTTTTCCCAATCAACTGTCTCCAGCATATCTTCATGAAACACGTCCATTTTCTAAGAGAC  
 TACATGAATCAGGTCTTAGGTGCCTGATGACACCTTGGAGACCTCTCCATCACTCAATGCCTAATTT  
 CACAGAGAGACTTTGATTTATTTCTGCTCCCAAAACCTCTTAAATTAACATCTGGAATAAGAGG  
 GATGATCTTATATGCTTTGGATCTTATGCCTCTGAGAGGTCTCTACAAAAAGTAGCAGACACTCTTGAG  
 ATTCTGGATTTTCACTGGTGTAGGATGAAGGACTCCAGATCAATGCCCTCTACCTGCCCTCAGTCAAT  
 GCACTCAGCTCAACCAGATCACTTCTACAACAATGACTTCTCCATGTGCACCTGAAGGCCCTTTTCCA  
 GCACACAGCCAACCTGGAGCAAGATGAATGTGGAACAATACCCTGCCCTCTGCAGTGTCTATAATGAGTTG  
 GGTCTGTCTCTGTAGAAAGATTTGTCCAACCTTGTGAGGAGCTCATGTATACTCTCAGAGCTATAAGGC  
 AGCCCAAGAGCATCTCTTTGCTACAGATAACTGTCAAAAATGTGGTAAGCCCTGTGTCTATGACCAGGG  
 CCCAATATTTGTTCTTGTTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR230093 representing NM\_001270456  
 Red=Cloning site Green=Tags(s)

MSGQTPPTHLLTHEALIMSSLEELPTVVPALFKEAFAGRQTNLLKAMVAAWPFCLHVGSLMKKPNLE  
 TLQALLDGDIMRLTREFHPRRAKLQVLDNRNMYHAFWNIRADANDSDYKSKTLDEKQLVKVLPYARRQR  
 LKVIIVNLSISSHFNKSAYFLNWKQRIGSLYFCCIKMKIWDPPDQVIRIDIFNVFDPEHITELNLDWT  
 LLQLAHFAPYFGHMKNLQKVFAPLHKNTSPIINITSATEAKCVHKIISQFSQFNCLQHIFMKHVHFLRD  
 YMNQVLGCLMTPLETSLITQCLISQRDFDLFSCSQNLFLKLHLEIRGMILYALDLMPLRGLLQKVADTLE  
 ILDFQWCRMKDSQINALLPALSQCTQLNQINFYNDFSMCTLKALFQHTANWSKMNVQYAPAPLQCYNEL  
 GHVSVERFVQLCQELMYTLRAIRPKSISFATDNCQKCGKPCVYDQGPFCSCFQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Mouse

**Serotype:** AAV-2

**ACCN:** NM\_001270456

**ORF Size:** 1425 bp

**Buffer:** 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>NM_001270456.1</u> , <u>NP_001257385.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq Size:</b>  | 2299 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1428 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 100041296                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cytogenetics:</b> | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MW:</b>           | 55.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |