

## Product datasheet for **MR230387A1V**

### Mouse **Pus10** (NM\_001033654) AAV Particle

#### Product data:

|                |                                                         |
|----------------|---------------------------------------------------------|
| Product Type:  | AAV Particles                                           |
| Tag:           | Myc-DDK                                                 |
| Symbol:        | Pus10                                                   |
| Synonyms:      | 2810013G11Rik; 4933435A13Rik; AU014648; C77560; Ccdc139 |
| Mammalian Cell | None                                                    |
| Selection:     |                                                         |
| Vector:        | pAAV-AC-Myc-DDK (PS100089)                              |



**ORF Nucleotide Sequence:** >MR230387 representing NM\_001033654  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCTTCCACTGACTGAGGAGAACAGCAGTGGCACAGCTGTTGTTCACTTCTGGCACCTGTCCAAGAT  
 GCATCTTAAGATTCTGTGGTGTGGATCTTCCCGCACCTTACAAACACCCATCCAAGGAGTTGCTCAATGA  
 GCTACAAAAATTTCTAGAACCAGAAAAACCTGAATTAATTTTGAAGCTCCAAACCCACCATTGAAGAAA  
 ATTCGTCTACATGAAGATGGGATTGATAATTTGAGTGAAGATGGAAGGAGGGAGTCTCTGTTACTGAAG  
 ATGAAAGCATGGCTGAGAAGCCTTCAAAGCTGAGAGTGTCAATGTTTGCTTAGGAATTCCTCAGGAATT  
 CTGTGAGAAGGGGTTTATTACGAAGGTGTGCCAAAAGGTTGAAGCCTCTGGGTTTGAATTCACGACGCTG  
 GTTTTATCTGTCTCCTTCCACCGCAGCTGTCTGTAAGAGAGCATGCTGCATGGTTGCTGGTAAAAACAGG  
 AAATGGGAAAGCAGAGTCTGTCCCTGGGAAGAAATGATGTAGTCCAGCTGAAAGAAGCCTACAAGTGGAT  
 AACTCACCCCTGTTTTAGAGGAGCTGGCGTTCCCACTGATGGAAGAGCTTGTTTGAAGTGAAGCTG  
 GTCTTTGCTCATCCAGAACAGCTGAAGATTGCCATTTCTAGGTGAAGTTGCCGAGATTGTTTCAAAC  
 CAGCTAAAAATAACAGTCGGTATTTACCAGAATGGCAGTTTTGAAAGCTTTGAGTAAGATAAAAGAAGA  
 AGACTTCCTCGGGCAATTTCTTGTCTCCTCCAACTCACCAGAGCTGTATGCACTGTCTTGAAGTTGAG  
 TGCATCATGGTGTGTTTTGTGCTGGCAGATATAATAAATACTCCAGGAATCTACCACAACTCCTT  
 GGATAATTGATGGAGAAAGGAAATGGAATCTTGGTGGAAAGAAATTAATTCAGATCATCTTCTGGCAGT  
 ATTCAGAGCAGAGATTTTAATTTCTCATCTCGGGACGAGAAGACGTAGACGTGAGAACATTAGGAAAT  
 GGAAGGCCCTTTCAGTTGAATCTGAATCCTCATCGAGTGCATTTACCTCACAAGAAATGAAGGAGC  
 TCCAGCAGACAATTAATAAATCATCTGACAAAAATCAAGTCCGTGACTTGCAGCTTGTACCAGGGAGGC  
 AATAGGGCATATGAAGGAAGGTGAGGAAGAAAAGACTAAGACCTACAGTGCCTTGATATGGACGAATAGA  
 GCTATCCAGAAGAAGGACATTGGGTTCTGGACGACTTAAAGGACTTAAAGATTGACCAGAAAACACCTC  
 TCCGAGTCTTCCACGAAGGCCCTTGGCTGTGAGAAGTCCGGCCATTCACTCTATGAAGACACACTACCT  
 GGATGAGCATCATTTTCGTCTGCATTTGAAGACCAAGCTGGAACCTACATTAAGAATTTGTACATGGA  
 GACTTTGGGAGAACCAAAACCAACCTTGGCTCTTTGATGAACGTGACTGCAGACATCTTGAGCTGGATG  
 TGGAGTCTGTAGATGTTGACTGGCCGCTGCTCTGGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR230387 representing NM\_001033654  
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MLPLTEENKHVAQLLFSSGTCPRCILRFCDVLPAPYKHPSKELLNELQKFLPEKPELILEAPNPPLKK  
 IRLHEDGIDNLSGDKGVSVTEDESMAEKPSKLRVCNVCLGILQEFCEKGFITKVCQKVEASGFEFTSV  
 VLSVSFPQQLSVREHAALLVKQEMGKQSLSLGRNDVVQLKEAYKWIHPLFSEELGVPTDGKSLFEVSV  
 VFAHPETAEDCHFLGEVCRDCFPAKKNQSVFTRMAVLKALSKIKEEDFLGQFPCPNPKTVCTVLEVE  
 CTHGAVFVAGRYNKYSRNLQPTPWIIDGERKMESSVEELISDHLLAVFRAESFNFSSSGREDVDVRLGN  
 GRPFAVELLNPHRVHFTSQEMKELQQTINKSSDKIQVRDLQLVTREAIGHMKEGEEETKTYSALIWTRN  
 AIQKKDIGFLDDLKDLIDQKTPLRVLHRRPLAVRTRAIHSMKTHYLDEHHFRLHLKTQAGTYIKEFVHG  
 DFGRTKPNLGLMNVTDILELDVESVDVDWPPALDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Mouse

**Serotype:** AAV-2

**ACCN:** NM\_001033654

**ORF Size:** 1581 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>       | <a href="#">NM_001033654.2</a> , <a href="#">NP_001028826.1</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>  | 3177 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1584 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 74467                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <a href="#">Q9D3U0</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b> | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MW:</b>           | 59.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |