

## Product datasheet for **MR215303A1V**

### Mouse Cyp26c1 (NM\_001105201) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | Cyp26c1                    |
| Synonyms:      | EG546726                   |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |



**ORF Nucleotide Sequence:** >MR215303 representing NM\_001105201  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGC**

ATGATTTCTGGGGCTGAGCTGTTTGTCCGTGCTGGGGCTGCCGGCACCCTCTCCTGTGTGCGGGT  
 TGCTGCTCGGCCTGGCCCAACAACTCTGGACCCTCCGCTGGACTCTGAGCCGGGATTGGGCCTCCACCTT  
 GCCCCTACCCAAGGCTCCATGGGCTGGCCATTCTTCGGTGAACGCTGCACTGGTTGGTACAGGGCTCT  
 CGTTTTCCACAGTTCGCCCGCGAGCGCTACGGGACAGTGTTTAAGACGCACCTTCTGGGCAGGCCAGTGA  
 TCCGGGTGAGCGCGCTGAGAACGTGCGCACCATCTCTGCTGGGCGAGCACCGCTGGTGCCTAGCCAGTG  
 GCCACAGAGTGCGCATATTCTACTAGGGTCACACACACTACTTGGCGCGGTTGGTGAGCCCATCGGCAA  
 CGGCGTAAGGTCCTGGCGCGCTGTTACGCCGCTCTCTCTGGAGCAATTCGTGCCACGGTTGCAGGGGG  
 CGCTGCGGCGAGAGGTGCGCTCTGGTGCGCCGCCAACGACCGGTGGCTGTTTACCAGGCGGCCAAAGC  
 ACTCACCTTCGCATGGCCGCGCGCATCTGCTGGGTCTGCAGCTGGACGAAGCGCATGCACCGAGCTG  
 GCCCATACCTTTGAACAGCTGGTGGAGAACCTCTTCTCACTGCCCTTGGACGTACCGTTACGCGGCTGC  
 GCAAGGGCATCCGGGCCAGGGACAGTTGTATGAGCACCTGGATGAGGCCGTCGCTGAGAAGCTTCAGGA  
 GAAACAGACAGCAGAGCCAGGTGATGCCCTGCTCTTGATTATTAACAGCGCTAGGGAGCTGGGCCACGAG  
 CCCTCAGTGCAAGAGCTGAAGGAGTTGGCTGTAGAGCTCTCTTCGCGGCCTTTTACCACAGCCAGCG  
 CCAGCACATCCCTCATCTGCTGCTTCTGCAGCACCCAGCAGCCATCACCAAAATCCAGCAGGAGCTGTC  
 AGCGCAGGGCTGGGGCGCGCTGCACTTGACACCCAGAGCCTCAGGATCGCCACCGGACTGCGGTTGT  
 GAGCCGGACCTTAGCCTGGCCATGCTGGGCGGTTGCGCTACGTCGACTGCGTAGTCAAGGAGGTGCTGC  
 GCCTCTACCGCCGGTGTCCGGGGCTACCGCACTGCGCTGCGCACCTTTGAAGTGGACGGTTACCAGAT  
 CCCCAGGGCTGGAGCGTGATGTATAGCATCCGAGACACGCATGAGACAGCCGAGTGATACCGTAGCCCG  
 CCCGAGGGCTTCGATCCGGAGCGCTTTGGCGTGAGAGTGGAGACGCGCGGGGCTCCGGTGGCCGCTTTC  
 ATTACATCCCGTTGCGCGGGCGCGCGCAGCTGCCTGGGGCAGGAGCTAGCGCAGGCGGTGCTGCAACT  
 GCTCGCAGTCGAGCTGGTGCACCGCGCGCTGGGAGCTGGCCACACCTGCCTTCCCGTAATGCAGACG  
 GTGCCCATCGTGACCCGGTGGACGGGCTGCTGCTCTTTTCCACCCTCTCCGACTTCGGGTGCGGGAG  
 ATGGGTTACCTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR215303 representing NM\_001105201  
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MISWGLSCLSVLGAAGTLLCAGLLGLAQQLWTLRWTLRDWASTLPLPKGSMGWPFPGFETLHWLVQGS  
 RFHSSRRERYGTVFKTHLLGRPVIRVSGAENVRTILLGEHRLVRSQWPQSAHILLGSHLLGAVGEPHRQ  
 RRKVLARVFSRSSLEQFVPRQLGALRREVRSWCAAQRPVAVYQAAKALTFRMAARILLGLQLEARCTEL  
 AHTFEQLVENLFSPLDVPFSGLRKGIARDQLYHLDEAVAELQEKQTAEPGDALLLIINSARELGHE  
 PSVQELKELAVELLFAAFFTTASASTSLILLLOHPAAITKIQQELSAQGLGRACCTPRASGSPDPCG  
 EPDLSLAMLGRLRYVDCVVEVLRLLPPVSGGYRTALRTFELDGYQIPKGWSVMYSIRDTHETAAYVRSP  
 PEGFDPERFVGESGDARGSGGRFHYIPFGGGARSCLGQELAQAVLQLLAVELVRTARWELATPAFPVMQT  
 VPIVHPVDGLLLFFHPLPTSGAGDGLPF

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Species:** Mouse  
**Serotype:** AAV-2  
**ACCN:** NM\_001105201  
**ORF Size:** 1554 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><a href="#">NM_001105201.1</a></u> , <u><a href="#">NP_001098671.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq Size:</b>  | 1557 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1557 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 546726                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b> | 19 C2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW:</b>           | 57.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |