

## Product datasheet for **MR214733A1V**

### Mouse Drc1 (NM\_001033460) AAV Particle

#### Product data:

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | AAV Particles                          |
| Product Name:             | Mouse Drc1 (NM_001033460) AAV Particle |
| Tag:                      | Myc-DDK                                |
| Symbol:                   | Drc1                                   |
| Synonyms:                 | b2b1654Clo; Ccdc164; Gm1060            |
| Mammalian Cell Selection: | None                                   |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)             |



[View online »](#)

**ORF Nucleotide  
Sequence:**

>MR214733 representing NM\_001033460  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATCCCTCAGGAACCATTTGGGGTCCTAGAGCAGAATGGGAAGAACAACCTTAGCCACCCCGATTCTCG  
 GACCCCTCGGTGCATTTCGGATAACCCGCGAGGAGCGGATCCAGGCCCGGCGCCTGCGCATCGCTGCTCGTCA  
 GGAAGCCCGAAGGCGGGAAGCCCTGGGAGAGTATTTGGACGGGAAGAAGGAGAGTGAGGAGGAGCAGAGC  
 AAGAGCTACAAACAGAAAGAAGAGAGCCGCTGAACTGACTAACTCCTGCTCTGCGGGACCGAGTTGG  
 TGACAAATATTTCAGGTGGCTGCAGAGCTCAGAGAGATCCACAGGAGGGTTGAAGAGGAGGAGACAAAGCG  
 GCAGAGACTGGAGAAGCTGGAGAATGAAGTTAAGACCAGCCAGGATAAATTTGATGAAATCACGGCGAAG  
 TGGGAGGAGGGCAGACGGAAGCGGATTCGCCAGGAACGTGGGAGATGCTCAACAGCCAGCAGGTGCACT  
 GTGCTGAGCTCATAGAAGACAAGAACAAGCTGGCCAACGAGCTGCAGCAGGAGTTAAAAATAAAGGATGA  
 CCAAGTATGTGAAGGACTTGAAGAAACAGTCGGAAGACATCACCTGATTCTGGAGAGAATGGAGGAGCAG  
 GTGAAGAATGTGATGAAGAACTTCGCCAGGAGCTGATTCACATCGAGAAAGCCTTTGAGTCAGAACGGC  
 AAGAAGTGTATCCAGCAATAAGAAGAAATGGGAGCGAGCCCTGCAGGCTCACAATGCCAAGGAGCTGGA  
 GTACCTCACCAACCGCATGAAGAAGGTGGAGGACTACGAGAAGCAGCTCAACAAGCAGCGGGTCTGGGAC  
 TGTGAGGAGTACAACACAATCAAGATCAAGCTAGAGCAGGATGTGCAGATTCTTGAGCAACAGCTTCAGC  
 AGATGAAAGCAACTTACCAGCTAAACCAAGAGAAGCTGGAGTACAACCTTCAGGTCTGAAGAAGAGAGA  
 TGAAGAGAGCACAGTGATCAAGTCCCAGCAGAAGAGGAACTGAACCGCCTGCACGATGTCTCAACAAT  
 CTGAGAACAAAATACACCAAGCAGATACGGCAGTTTCAGGATGACAACAGTCCCTGACCTCCGACTACA  
 AACGGCTTGTGACGCAATTCAAGGACCTACAGAAAGCCTTGAGACACTTCATCATCATCGATGAGGAGAA  
 GTTTCGGGAGATTTGGCTGATGAATGAAGCAGAGGCGAAGGAAGTGGCACAAGAGCCTTTGATGTGGAC  
 AGGATCATCCATTCCCAGCACCTGGGCTTACCCTGGAATATGCCTGACTTGTGGTTCTGAATAACGTGG  
 GGCCGATTTCCCTGCAGCAGCAGAAGTCAGTCACACAAATACTGGAGGAAGTGTGTTGCAGACAGAGGA  
 TGAGGCCACAGAGGCAGCCATGTCGGAAGACGAGGATTACATGGACCTGCCCAATCAAATTTAGCCAAA  
 ACCACCACAAAGGTCTGATGCTCCTGTGTGATGAGTCGGGTTTCCTCATAGAGAGCAAACTACTGAGTC  
 TGCTCCACCCCTGGAGAAGAGTGAATGCTATCTGCTGAGGTTGGACGCCATCTTCTCCGCCCTGGCAAT  
 CGAAGACGAGGATGACTTATACAAGCTGGTAACTTCTCCTTCGATACCGAGCCCACTGCTATCCTCT  
 GCCCAGGCCAGTTCTCCATTATAGCAATGTGGAGCGTACAAGCCTGATGTGAGCACTAGAGCGTTTGA  
 GTCTGATGTCCCAGACAGACAAGGGAAGCATGGTGTCCAAATCAGATCAGGAGCCACAGAGCAGGAGGA  
 CGAGCAGGAAGGTGACAACGCAAGCCTCTCGAGCAGGGAGTTGGAAGAGCAGGAGGACCTGTATCACCC  
 AGGTTCAATCCACCCCAATGATGTTCTCAAGATTCTGGAGGCCTTTGTACGGGGCTGAAGAAGCCTAAGG  
 ACGCTCAGCCAGTACTGAAATTGAAGAAAGAGACTCGAGATAACTCGAAGGACACGGAGTACTGGGAATC  
 CCTGGCTGCGGTTATTCCTTTCTTCAAGCAGAACCTCTGGGATGCGCTGTACAAGGCCTTGAGAAATAC  
 TATCTCGTGCTGACCGAGAGGGCCAAGCTGCTGATGGAGAATGAGTCTCTGGAGCAGCAGAATGCAGAGA  
 TGCAGTCCCTGCTGCAGCAGTATCTCCAGGCCAAGGTAACACAGAACTGCAGATCCCACCAACTCAGGG  
 CTTCCGGATGCCCTCAAAA

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR214733 representing NM_001033460<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MNPSGTIGVLEQN GEEHLATPILGPSVHSDNPQERIQARRLR IAA RQEARREALGEYLDGKKESEEEQS<br/> KSYKQKEESRLKLT KLLLCGT ELVTNIQVAADVREI HRRVEEEETKRQRLEKLENEVKTSQDKFDEITAK<br/> WEEGRKRIPQELW EMLNSQQVHCAELIEDKNKLANELQQELKIKDDQYVKDLKKQSEDLTLILERMEEQ<br/> VKNVMKNFRQELIHIEKAFESERQELLSSNKKKWERALQAHNAKELEYLTNRMKKVEDYEKQLNKQRVWD<br/> CEEYNTIKIKLEQDVQILEQQLQOMKATYQLNQEKLEYNFQVLKKRDEESTVIKSQQKRKLNR LHDVVNN<br/> LRTKYTKQIRQFQDDNQSLTSDYKRLVTQFKDLQKALRHFIIIDEEKFREIWL MNEAEAKELAQRAFDVD<br/> RIIHSQHLGLPWNMPDLWFLNNVGPI SLQQKSVTQILEELL LQTEDEATEAMSEDEDYMDLPNQISAK<br/> TTTKVLM LLLCDESGFLIESKLLSLLHPLEKSECYLLRLDAIF SALAIEDEDDLKLVNFFLR YRAHRLSS<br/> AQASSSIHNSVERTSLMSALERLSLMSQTDKGS MVSKSDQEPTEQEDEQE GDNASLSSRELEE QEDLSSP<br/> RFIHPNDVLKILEAFVTGLKKPKDAQPVLK LKKETRDNSKDTEYWESLAAVIPFFKQNLWDALYKALEKY<br/> YLV LTERAKLLMENESLEQQNAEMQSL LQQYLQAKVNTELQIPPTQGFRMP SK</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ACCN:</b>             | NM_001033460                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ORF Size:</b>         | 2259 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F2186                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <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_001033460.3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq Size:</b>      | 2485 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq ORF:</b>       | 2262 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Locus ID:</b>         | 381738                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID:</b>       | <u>Q3USS3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cytogenetics:</b>     | 5 B1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MW:</b>               | 88.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |