

## Product datasheet for **MR216368A1V**

### Mouse *Lrrc2* (NM\_028838) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Mouse <i>Lrrc2</i> (NM_028838) AAV Particle                                 |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | <i>Lrrc2</i>                                                                |
| Synonyms:                 | 2400002D05Rik; 4933431K03Rik                                                |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >MR216368 representing NM_028838<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGGACACAAAGTGGTCGTGTTTGACATCTCTGTTGTGTCAGAGCCTTATGGGAACTCGTGTCAAGAAGC  
ACAAAGCATGGCAGAAGAAGGAGGCAGAAAGGCTGGAGAAAAGCGCCCTGGAGAAGATAAAGGAGGAGTG  
GGACTTTGTGGCCGAGTGCAGGAGGAAGGGCGTGCCCCAGGCTGAGTACTGCAAGAATGGCTTTGTGGAC  
ACCAGCACAAGGCTCCTGGAAAAGATAGAGAGGAACTCTGTTTCCAGGCAGAGTGCAGGAGTCAAGGACA  
GAGACAAACGGAGGAGTCCATTTGTGTTTGAACCTTTCAGGGACACAGTGAAGGAGCTGCCTGATTTCGCT  
GAAGGAGCAGACACACCTCAAAGAATGGTACATTACAGTACCCTCATTACAGATCATTCCACGTACATC  
GAGCTGTTTCAAGCCATGAAAATTTTGATTGTCACAAAAACCAATCACGTGTCTCCAGCTGAAATTG  
GTCGCTTAAAGAACCTGAAAGAACTCAATGTGAGTTTTAACCATTTGAAGAGTATCCCCGGAGCTAGG  
AGACTGTGAGCATCTAGAGAGACTGGACTGTTCTGGGAATCTGGACCTGATGGATCTCCCTTTGAATTA  
AGTAATTTGAAGCAAGTTACATTTGTGGATATCTCTGCGAACAAGTTCTCCAGCGTTCTATCTGTGTCC  
TGCGGATGTGTCGTCTGCAGTGGCTGGATATCAGCAGCAACAATCTGAGTGACCTGCCACAAGATATAGA  
CAGGCTGGAAGAGCTACAAGTTTCTGCTGTATAAAACAAGCTGACCTACCTCCTCAAGCCATGCTC  
AACCTCAAAAAGCTCACCTTGCTGGTTGTCAGTGGGGATCACCTGGTGGAGGTCCCGACCGCCCTCTGCG  
ATGCCTCCACGCCTTTGAAATTTGTAAGCCTTGTGGACAATCCCATTGATAAGACCGGATGTCAAGACAC  
TGAAGACACAGTAGAGAGCGAGCGGACCGCCAGCATTGATGATAAGGAATTTATGAAAGCATATATTGAA  
GACCTTAAAGAAAGAGAAGCTGTTCCAGTTATACGACCAAAGTGTCATTTAGTCTTCAGCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR216368 representing NM_028838<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MGHKVVVFDISVVRALWETRVKKHKAQKKEAERLEKSALEKIKEEWFVAECRRKGVPAEYCKNGFVD<br/> TSTRLLEKIERNSVSRQSARVKDRDKRRSPFVFELSGTQWKELPDSLKEQTHLKEWYIHSTLIQIIPTYI<br/> ELFQAMKILDLPKNQITCLPAEIGRLKNLKNLNVSFNHLKSIPPELGDCHELERLDSCGNLDMDLPFEL<br/> SNLKQVTFVDISANKFSSVPICVLRMCRLQWLDISSNNLSDLPDIDRLEELQGFLLYKNKLTYPQAML<br/> NLKKLTLLVVSGDHLVEVPTALCDASTPLKFVSLVDNPIDKTGCQDTEDEVESERDRQHFDKEFMKAYIE<br/> DLKEREAVPSYTTKVSFSLQL</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_028838                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ORF Size:</b>         | 1113 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Buffer:</b>           | 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_028838.2</a> , <a href="#">NP_083114.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq Size:</b>      | 3657 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq ORF:</b>       | 1116 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Locus ID:</b>         | 74249                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>       | <a href="#">Q8VDB8</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>     | 9 F2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>MW:</b>               | 43.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |