

## Product datasheet for **MR205275A1V**

### Mouse Irf2 (NM\_008391) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Mouse Irf2 (NM_008391) AAV Particle                                         |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | Irf2                                                                        |
| Synonyms:                 | 9830146E22Rik; AI646973; Irf-2                                              |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >MR205275 representing NM_008391<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGCCGGTGGAACGGATGCGAATGCGCCCGTGGCTGGAGGAGCAGATAAATTCCAATACGATACCAGGGC  
TAAAGTGGCTGAACAAGGAGAAGAAGATTTCCAGATCCCCTGGATGCATGCGGCTCGGCACGGATGGGA  
CGTGGAAGGATGCTCCGCTCTTCAGAACTGGGCGATCCATACAGGAAAGCATCAACCAGGAATAGAT  
AAACCAGATCCAAAAACATGGAAGCAAATTTTCGATGTGCCATGAATCCCTGCCCGACATTGAGGAAG  
TGAAGGACAGAAGCATAAAGAAAGGAAACAACGCCTTCAGAGTCTACCGGATGCTGCCCTTATCCGAACG  
ACCTTCCAAGAAAGGAAAGAAACCAAGACAGAAAAAGAGAGAGTTAAGCACATCAAGCAAGAACCA  
GTTGAGTCATCTTTGGGCTTAGTAATGGAGTAAGTGGCTTTTCTCCTGAGTATGCGGTCTGACTTCAG  
CTATAAAAAATGAAGTGGATAGTACGGTGAACATCATAGTTGTAGGACAGTCCCATCTGGACAGCAACAT  
TGAAGATCAAGAGATCGTCACTAACCCGCCAGACATCTGCCAGGTTGTAGAAGTGACCACTGAGAGTGAT  
GACCAGCCAGTCAGCATGAGTGAGCTCTACCCTCTACAGATTTCTCCTGTGTCTTCTACGCAGAAAGCG  
AAACTACCGACAGTGTGGCCAGTGATGAAGAGAACGCAGAGGGGAGACCACACTGGAGGAAGAGGAGCAT  
CGAAGGCAAGCAGTACCTCAGCAACATGGGACACGGAACACCTATCTGCTGCCAGCATGGCGACCTTT  
GTCACCTCCAACAAGCCAGATCTGCAGGTCAACATCAAAGAGGATAGCTGTCCGATGCCTTACAACAGCT  
CCTGGCCCCATTACAGACCTTCCCTTCTGCCCCAGTGACCCACGCCAGCAGCAGTCCGGCCAGA  
CCGGGAGACCCGGCCAGTGTCATCAAGAAGACATCTGATATCACCAGGCCCGTGTCAAGAGCTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR205275 representing NM_008391</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MPVERMRMPWLEEQINSNTIPGLKWLNKEKKIFQIPWMHAARHGWDVEKDAPLFRNWAHTGKHQPGID<br/>         KPDPKTWKANFRCAMNSLPDIEEVKDRSIKKGNNAFRVYRMLPLSERPSKKGKKPKTEKEERVKHIKQEP<br/>         VESSLGLSNGVSGFSPEYAVLTSAIKNEVDSTVNIIVVGQSHLDSNIEDQEIVTNPPDICQVVEVTESD<br/>         DQPVSMSEL YPLQISPVSSYAESETTDSVASDEENAEGRPHWRKRSIEGKQYLSNMGTRNTYLLPSMATF<br/>         VTSNKPDLQVTIKEDSCMPYNSWPPFTDLPLPAPVTPTPSSSRPDRETRASVIKKTSDITQARVKSC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ACCN:</b>             | NM_008391                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ORF Size:</b>         | 1047 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>           | <u>NM_008391.4, NP_032417.3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq Size:</b>      | 2484 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq ORF:</b>       | 1050 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Locus ID:</b>         | 16363                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>       | <u>P23906</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cytogenetics:</b>     | 8 B1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MW:</b>               | 39.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |