

## Product datasheet for **MR225594A1V**

### Mouse Irf9 (NM\_001159417) AAV Particle

#### Product data:

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | AAV Particles                          |
| Product Name:             | Mouse Irf9 (NM_001159417) AAV Particle |
| Tag:                      | Myc-DDK                                |
| Symbol:                   | Irf9                                   |
| Synonyms:                 | Irf-9; Isgf3g; p48                     |
| Mammalian Cell Selection: | None                                   |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)             |



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**ORF Nucleotide  
Sequence:**

>MR225594 representing NM\_001159417  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGC**

ATGCACCTCCCCGGAGGAGAATTGAACTTAGGGTGGGACTGTAGAAAGGGGAGGAGAGATCAGAAAAA  
 GCCTAGAACCTGCTAAGCCTGGGACCTTTTCAGCGGCTCAGGCCCTGCCATTTCTCAGCTCCGCCCTT  
 GCGCCAGCTGCTGCCACCTACCCCTCTAGCAAAGAGGGGTATGGTAAGGAGAAGGATGGCCTCAGGC  
 AAAGTACGCTGCACCGAAAGCTGCGGAGCTGGATCGTGGAGCAGGTGGAGAGTGCCATTTCCAGGGG  
 TGTGCTGGGACGATGCAGCAAGACCATGTTCCGGATTCCCTGGAAGCATGCAGGCAAGCAAGACTTCCG  
 AGAGGACCAGGATGCTGCCATATTCAAGGCTTGGGCACTGTTAAGGAAAAGCACAAAGATGGGGACATA  
 GGACACCCCGTGTCTGGAAGACTCGCTACGCTGTGCCCTCAACAAGAGTTCGAATTTGAGGAGGTTCC  
 CCGAGAGAGGTGCTATGGATGTTGCTGAACCTACAAAGTATATCGAATACTGCCAGCAGGAACCTCCC  
 TAACCAACCACGAACCAGAAATCACCATGCAAGCGAAGTATCAGTTGTGTGTCACCTGAGAGGGAAGAA  
 AATATGGAAAATGGGAGGACCAATGGCGTTGTAACCACTCAGACAGTGGCAGCAACATAGGCGGTGGTG  
 GCAATGGCAGCAACAGGAGCGACAGCAACAGCAACTGCAACTCTGAGCTAGAGGAGGGAGCTGGCACAAC  
 TGAGGCCACCATTAGAGAGGACCCAGTGTCTCTGGAGCATCAACTTCTCTGAACCTCAGACTACTCGCTG  
 CTGCTCACCTTCATCTATGGTGGCCGAGTGGTGGGTAAGACCCAGGTGCACAGCCTAGACTGTGCGCTCG  
 TGGCTGAGCGCTCAGACTCGGAGAGCAGCATGGAGCAGGTGGAGTTTCCCAAACCCGACCCACTGGAGCC  
 TACCCAGCACCTGCTGAATCAGCTTGACAGAGGCGTCTGGTGGCCAGCAATTCAGAGGCCTCTTGTGTT  
 CAGCGCCTTTGCCCCATCCCCATCTCTGGAATGCACCAGAGGGCCCCACCCGGGCTGGTCTCATCTGC  
 TGCCCAGCAATAAGTGTGTGGAGCTCTCAAGACCACCTACTTCTGTAGAGATTTGGCCAGTACTTCCA  
 GGGCCAGGGGCCCCACCAAGTTCCAAGCAACCTACATTTCTGGGAGGAGAGTCTGGCTCTAGCCAT  
 AGCCAAGAGAATCTCATCAGTGCAGATGGAGCAGGCCTTTGCCCGACATTTACTGGAGAAGATTCCAG  
 AAGAGGAGAAAGCTGCCTTGTCTGTTACAGCACACAGAGCAGTCACCTCTGCTCTGGGACAC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR225594 representing NM\_001159417  
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MHLPGGELKLRVGTVERGGEIRKSLEPAKPGTFSAAQALPISSAPPLPPAAAPPTPLAKRGMVRRRMASG  
 KVRCTRKLRSWIVEQVESGHFPGVCWDDAAKTMFRIPWKHAGKQDFREDQDAIFKAWALFKEKHKGDI  
 GHPAVWKTRLRCALNKSSEFEVPERGRMDVAEPYKVYRILPAGTLPNQPRNQSPCKRSISCVSPEREE  
 NMENGRTNQVNVHSDSGSNIGGGNGSNRSDSNSNCNSELEEGAGTTEATIREDPVFLEHQLPLNSDYSL  
 LLTFIYGGRVGKTQVHSLDRLVAERSDESSMEQVEFPKPDPLEPTQHLLNQLDRGVLVASNSRGLFV  
 QRLCPIPIISWNAPEAPPGPGLLPSNKCVELFKTTYFCRDLAQYFQGGPPPKFQATLHFWEESPGSSH  
 SQENLITVQMEQAFARHLEKIPEEEKAALFLLQHQTEQSPSALGH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001159417

**ORF Size:**

1395 bp

**Buffer:**

PBS with 0.001% Pluronic F68

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stability:    | 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. |
| RefSeq:       | <u>NM_001159417.1</u> , <u>NP_001152889.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RefSeq Size:  | 2545 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1398 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 16391                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u>Q61179</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 14 28.19 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MW:           | 51.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |