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# Product datasheet for MR226717A1V

## Mouse Nfe2l2 (NM_010902) AAV Particle

### Product data:

| | |
|---|---|
| **Product Type:** | AAV Particles |
| **Product Name:** | Mouse Nfe2l2 (NM_010902) AAV Particle |
| **Tag:** | Myc-DDK |
| **Symbol:** | Nfe2l2 |
| **Synonyms:** | Nr; Nrf2 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pAAV-AC-Myc-DDK (PS100089) |

**ORF Nucleotide Sequence:**

>MR226717 representing NM_010902
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGGACTTGGAGTTGCCACCGCCAGGACTACAGTCCCAGCAGGACATGGATTTGATTGACATCCTTT
GGAGGCAAGACATAGATCTTGGAGTAAGTCGAGAAGTGTTTGACTTTAGTCAGCGACAGAAGGACTATGA
GTTGGAAAAACAGAAAAAACTCGAAAAGGAAAGACAAGAGCAACTCCAGAAGGAACAGGAGAAGGCCTTT
TTCGCTCAGTTTCAACTGGATGAAGAAACAGGAGAATTCCTCCCAATTCAGCCGGCCCAGCACATCCAGA
CAGACACTAGTGGATCCGCCAGCTACTCCCAGGTTGCCCACATTCCCAAACAAGATGCCTTGTACTTTGA
AGACTGTATGCAGCTTTTGGCAGAGACATTCCCATTTGTTGATGACCATGAGTCGCTTGCCCTGGATATC
CCCAGCCACGCTGAAAGTTCAGTCTTCACTGCCCCTCATCAGGCCCAGTCCCTCAATAGCTCTCTGGAGG
CAGCCATGACTGATTTAAGCAGCATAGAGCAGGACATGGAGCAAGTTTGGCAGGAGCTATTTTCCATTCC
CGAATTACAGTGTCTTAATACCGAAAACAAGCAGCTGGCTGATACTACCGCTGTTCCCAGCCCAGAAGCC
ACACTGACAGAAATGGACAGCAATTACCATTTTTACTCATCGATCTCCTCGCTGGAAAAAGAAGTGGGCA
ACTGTGGTCCACATTTCCTTCATGGTTTTGAGGATTCTTTCAGCAGCATCCTCTCCACTGATGATGCCAG
CCAGCTGACCTCCTTAGACTCAAATCCCACCTTAAACACAGATTTTGGCGATGAATTTTATTCTGCTTTC
ATAGCAGAGCCCAGTGACGGTGGCAGCATGCCTTCCTCCGCTGCCATCAGTCAGTCACTCTCTGAACTCC
TGGACGGGACTATTGAAGGCTGTGACCTGTCACTGTGTAAAGCTTTCAACCCGAAGCACGCTGAAGGCAC
AATGGAATTCAATGACTCTGACTCTGGCATTTCACTGAACACAAGTCCCAGCCGAGCGTCCCCAGAGCAC
TCCGTGGAGTCTTCCATTTACGGAGACCCACCGCCTGGGTTCAGTGACTCGGAAATGGAGGAGCTAGATA
GTGCCCCTGGAAGTGTCAAACAGAACGGCCCTAAAGCACAGCCAGCACATTCTCCTGGAGACACAGTACA
GCCTCTGTCACCAGCTCAAGGGCACAGTGCTCCTATGCGTGAATCCCAATGTGAAAATACAACAAAAAAA
GAAGTTCCCGTGAGTCCTGGTCATCAAAAAGCCCCATTCACAAAAGACAAACATTCAAGCCGCTTAGAGG
CTCATCTCACACGAGATGAGCTTAGGGCAAAAGCTCTCCATATTCCATTCCCTGTCGAAAAAATCATTAA
CCTCCCTGTTGATGACTTCAATGAAATGATGTCCAAGGAGCAATTCAATGAAGCTCAGCTCGCATTGATC
CGAGATATACGCAGGAGAGGTAAGAATAAAGTCGCCGCCCAGAACTGTAGGAAAAGGAAGCTGGAGAACA
TTGTCGAGCTGGAGCAAGACTTGGGCCACTTAAAAGACGAGAGAGAAAAACTACTCAGAGAAAAGGGAGA
AAACGACAGAAACCTCCATCTACTGAAAAGGCGGCTCAGCACCTTGTATCTTGAAGTCTTCAGCATGTTA
CGTGATGAGGATGGAAAGCCTTACTCTCCCAGTGAATACTCTCTGCAGCAAACCAGAGATGGCAATGTGT
TCCTTGTTCCCAAAAGCAAGAAGCCAGATACAAAGAAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR226717 representing NM_010902
Red=Cloning site Green=Tags(s)

MMDLELPPPGLQSQQDMDLIDILWRQDIDLGVSREVFDFSQRQKDYELEKQKKLEKERQEQLQKEQEKAF
FAQFQLDEETGEFLPIQPAQHIQTDTSGSASYSQVAHIPKQDALYFEDCMQLLAETFPFVDDHESLALDI
PSHAESSVFTAPHQAQSLNSSLEAAMTDLSSIEQDMEQVWQELFSIPELQCLNTENKQLADTTAVPSPEA
TLTEMDSNYHFYSSISSLEKEVGNCGPHFLHGFEDSFSSILSTDDASQLTSLDSNPTLNTDFGDEFYSAF
IAEPSDGGSMPSSAAISQSLSELLDGTIEGCDLSLCKAFNPKHAEGTMEFNDSDSGISLNTSPSRASPEH
SVESSIYGDPPPGFSDSEMEELDSAPGSVKQNGPKAQPAHSPGDTVQPLSPAQGHSAPMRESQCENTTKK
EVPVSPGHQKAPFTKDKHSSRLEAHLTRDELRAKALHIPFPVEKIINLPVDDFNEMMSKEQFNEAQLALI
RDIRRRGKNKVAAQNCRKRKLENIVELEQDLGHLKDEREKLLREKGENDRNLHLLKRRLSTLYLEVFSML
RDEDGKPYSPSEYSLQQTRDGNVFLVPKSKKPDTKKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Mouse

| | |
|---|---|
| **Serotype:** | AAV-2 |
| **ACCN:** | NM_010902 |
| **ORF Size:** | 1791 bp |
| **Buffer:** | PBS with 0.001% Pluronic F4167 |
| **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:** | NM_010902.3 |
| **RefSeq Size:** | 2469 bp |
| **RefSeq ORF:** | 1794 bp |
| **Locus ID:** | 18024 |
| **UniProt ID:** | Q60795 |
| **Cytogenetics:** | 2 44.75 cM |
| **MW:** | 66.9 kDa |