

## Product datasheet for **MR226716A1V**

### Mouse Olfr790 (NM\_146933) AAV Particle

#### Product data:

**Product Type:** AAV Particles

**Tag:** Myc-DDK

**Symbol:** Olfr790

**Synonyms:** MOR112-1

**Mammalian Cell** None

**Selection:**

**Vector:** pAAV-AC-Myc-DDK (PS100089)

**ORF Nucleotide Sequence:** >MR226716 representing NM\_146933  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCCTTTAGAAGCAGAGAGTATTATGAGAAATCCACAGCAGTGACAGACTTTATTCTTCTGGACTGA  
CAGATGATCCACTGTGGCAGATTGTGGTTTTCACATTTCTTCTGTACCTACATGCTAAGTGTGACTGG  
GAACCTCATCATTATCATCCTCACCCTCTCAGATGCCATCTGATGACACCCATGTATTTCTTCCTTCGA  
AATTTCTCACTCCTAGAAATATCATTACATCTGTCTGCATTCCCAGATTCTTGTCAGTATTGTGACAG  
GAGACAGAATAATTTCTACAATGGTTGCGTGGCTCAGCTATTCTTTTTCATTTCTTAGGAGTGACAGA  
ATTTTACCTTCTGGCTGCCATGTCTATGACCGTTATGTGGCCATCTGCAAACCTCTACACTACACAACA  
ATCATGAGCAACCGTGTGTGATTCTTCTGTCTTTAGCTCATGGTTTGAGGATTCATGATTATCTTTC  
CACCAATTATCCTTCTGTACAGTTAGACTTCTGTGCCTCCAACATAATTGACCACTTTATCTGTGACTC  
TTCTCCAATTTTGAGCTTTCTTGCTCAAACTCACTTTCTCGAGCTCATGGCATTTTCATTAGCTGTG  
GTAACACTCATGGTCACCTTGACATTAATTATTCTTCTACACAATATTATTCGGACAATTCTGAGAA  
TTCCTTCTACAAATCAGAGAAAAAGGCCTTTCAACTGTTCTCCCATATGATAGTTGTCTCCCTCTC  
TTATGGCAGCTGCATCTTCATGTACATTAAGCCTTCTGCAAGGGAGAGGGTGACTTTAAGCAAAGGAGTA  
GCTGTACTCAACTTCTGTGGCTCCTCTCCTGAACCCCTTCATCTATACACTGAGGAACCGCAAGTGA  
AGCAAGCCTTCAAAACATGATCCAGAGAATCTTCTTTCTCAAGAATTTACCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR226716 representing NM_146933</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MPLEAESIMRNSTAVTDFILLGLTDDPLWQIVVFTFLLVTYMLSVTGNLIIIIITLSDAHLMTMPMYFFLR<br/> NFSLLEISFTSVCIPRFLVTITGDRITISYNGCVAQLFFFIFLGVTEFYLLAAMS YDRYVAICKPLHYTT<br/> IMSNRVCILLVFSSWFAGFMIIFPPIILLQLDFCASNIIDHFI CDSSPILQLSCSNTHFLELMAFSLAV<br/> VTLMVTLTLIILSYTNIIRTILRIPSTNQKKAFSTCSSHMIVVSLSYGSCIFMYIKPSARERTLSKGV<br/> AVLNTSVAPLLNPFIIYTLRNQYKQAFKNMIQRIFSSKNLP</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ACCN:</b>             | NM_146933                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ORF Size:</b>         | 966 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_146933.1, NP_667144.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>      | 969 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>RefSeq ORF:</b>       | 969 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Locus ID:</b>         | 258935                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cytogenetics:</b>     | 10 D3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MW:</b>               | 36.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |