

## Product datasheet for **MR212935A1V**

### Mouse Olfr891 (NM\_146478) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Mouse Olfr891 (NM_146478) AAV Particle                                      |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | Olfr891                                                                     |
| Synonyms:                 | MOR170-9                                                                    |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >MR212935 representing NM_146478<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCAACGGGAATCACTATTCTGTGACTGAGTTTATTCTCACTGGACTGACAGAGCAACCTGAATCC  
AGATGCCCTGTTTTCTGTTCTTGGTGAAGTGTAACTCACTGTGGTGGAACTTGAGTTTAAATGAG  
TCTTATTTGCTGCAATCAAACCTTCAGACACCTATGCACTTTTTCTTCAATCTGTCTTTATTGAT  
TTGTGCTATTCATTTGCCTTTACTCCAAAACACTAATGAGTTTGTCTTAGAGAAGAACATAATTTATT  
TTACAGGATGCATGACACAGCTGTTTTTCATGTGCCTTTTGGCAATTCAGAGTGCTATTTGGTGACAGC  
CATGGACTATGATCACTATGTTGCCATCTGTCAACCCCTGCTGTACATGATCATCACGTCTCCTATGACA  
TGTTCCCTGATGATGTTTGGTTCATACTTGATGGGAGGTATTGGTGAATTGTCCATACAGGGTGTATGA  
TCAGGCTCAACTTTTGTGGTTCAAACATCATCAACATTACATGTATGATATCTTCCCCCTTCTCCAGCT  
CTCCTGCAGCAGCATCTATGCCAATGAGCTTGTGAGTTCTGTTTTGTAAGCACAGTAGTTCTTGATCT  
AGCTTTCTCATCTTAACCTCCTATGCTTTGATTCTTTTAAATCACTCAGTTATCAGGTAAGGGTTTGT  
CCAAAGCCATGAGCACCTGTAGTTCTCACATAATGACTGTTGCTCTATTTATGGATTTGCTATGCTTAC  
ACATGTCAAAACATCATCTGATGAATCTGTGAATCAGGGGAATTTTTTTGTCTATTTGTACATTTTGT  
GTGCTTTGCTGAATCCCTTTATTTACAGTCTCAAGAATAAGGAAGTCAAGCTTGCTCTAAAGAGAACAC  
TGAGGAGACTCACAGTGAGTGAATCACTGGGACTGCCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR212935 representing NM_146478<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MATGNHYSVTEFILTGLTEQPELQMPLFFLFLVNCLITVVGNLSLMSLICCSNLQTPMHFFLFNLSFID<br/> LCYSFAFTPKTLMFSVLEKNIIYFTGCMTQLFFMCLFANSECYLVAMDYDHYVAICQPLLYMIITSPMT<br/> CSLMMFGSYLMGGIGAIVHTGCMIRLNFCGSNIINHMYDIFPLLQLSCSSIIYANELVSSVFVSTVVLAS<br/> SFLILTSYALILFNITQLSGKGLSKAMSTCSSHIMTVVLFYGFAMLTHVKTSSDESQVNGNFFCLFCTFL<br/> VPLLNPFIYSLKNKEVKLALKRTLRLTVSESLGLP</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_146478                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ORF Size:</b>         | 948 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_146478.2, NP_666689.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq Size:</b>      | 951 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>       | 951 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>         | 258471                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Cytogenetics:</b>     | 9 A5.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MW:</b>               | 35.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |