

## Product datasheet for **MR215568A1V**

### Mouse Olfr915 (NM\_146785) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Mouse Olfr915 (NM_146785) AAV Particle                                      |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | Olfr915                                                                     |
| Synonyms:                 | MOR167-4                                                                    |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >MR215568 representing NM_146785<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGGGTTTCGAAAATGGCTCTTCAGTGACTGAGTTCATTCTGGTGGGATTAACCAAGGACCCTGATCTCC  
AATGCCCTCTTTTCGTCCTCTTTCTAGTGATGTATGTTCTCACTGTATTGGGAAATCTGAGTTTGATTAC  
CTTAATTGTAAGTGAATTTCTCACCTTCATACCCCAATGTACTTTTCTCTTTAACTTGTCAGTGTGAC  
TTCTGGTACTCTTCTGTGTTACACCAAAAATGCTAATGAGCTTTATATCAGAGAAGAACATTATTTCT  
ATAGAGGATGCATGACCAACTTTTCTTTTGTAGTTTTCTGCATTTCTGAATATTATGTGTTGACTGT  
AATGGCCTATGATCGCTATGTGGCCATATGTAATCCACTCTGTACAATATTGTCATGTCTCCTAAATTA  
TGTTTGAACCTCATACTTGCTCATATATAATGGCATTCTAGTGCCATGGCTCACACGGGATGCATGC  
TGAGACTGACCTTCTGTGATGCAACACCATCAATCACTACTTCTGTGACATCCTCCCTTTGCTTCAGCT  
CTCCTGCACGAGCATCTATGTCAACGAGCTGGAGGTTTTGTTGTAATAGGCATCAACATTATTGTGCC  
ACCATCACCATCTTTATCTTTATGGTTTTATCATCTCAAGTATTTTTCGTATCAGCTCCAAGGAGGGCA  
GGTCAAAGCCTTCAGCACCTGCAGTTCACACATAATTGCAGTTTCTGTCTTTGGATCAGGTGCATT  
TATGTATCTCAAACCATCTTCTGCTGAGTCAATGAATGAAAGTAAAGTCTCGTCTGTCTTTATACCAAT  
ACAGTTCCTCTACTGAATCCCTTAATCTACAGCTTGAGGAACAAAGATGTAAAATTGCCTTGATAAAGA  
CCCTGAGTAAGAGAAAGTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR215568 representing NM_146785</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGSENGSSVTEFILVGLTKDPLQCPLFVLFLVMYVLTVLGNLSLITLIVLNSHLHTPMYFFLFNLSLVD<br/> FWYSSVFTPKMLMSFISEKNIISYRGCMQLFFSFCCISEYYVLTVMAYDRYVAICNPLLYNIVMSPKL<br/> CLNLILGSYIMAFSSAMAHTGCMLRLTFCDANTINHYFCDILPLLQLSCTSIYVNELEVFFVIGINIIVP<br/> TITIFISYGFIISSIFRISSKEGRSKAFSTCSSHIIAVSLFFGSGAFMYLKPSSAESMNESKVSSVFYTN<br/> TVPLLNPLIYSLRNKDVKIALIKTLSKRKC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>  |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_146785                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 930 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_146785.2, NP_666996.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>      | 933 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq ORF:</b>       | 933 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 258781                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b>     | 9 A5.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>               | 35 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |