

## Product datasheet for **MR213123A1V**

### Mouse Olfr955 (NM\_207141) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Mouse Olfr955 (NM\_207141) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Olfr955  
**Synonyms:** MOR171-34; MOR171-50  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR213123 representing NM\_207141  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAAGAATTAATCATACCTCAGTGACAGAGTTCACTCTTGCTGGTTAAACAGAGAATCCAGAGCTCC  
AGTTGCCTCTATTCCTTACCTTCCTATCTGTCTATTTGTTTACAGTTGTTGAAACCTTGGCATGATTGT  
ATTGATTCTGATTAGTTCTCAGCTACATACACCTATGTATTATTTACTCAGCAGTCTGTCCTTTATTGAC  
TGCTGTCAGTCTACTGTCATTGTTCTCTAAATGCTGTTGAACTTTGTGACAGAGAAGAATGTCATCCTGT  
ACCCAGAATGCATAGCTCAGTTCTATTTCTTCTGTACTTTTGTGTTGCAGAATGTCACATGTTGGCTGC  
AATGGCATATGACCGCTATGTGGCTATATCTAACCCCTTTGCTTTACAAAGTAACCATGTCCTATCAAGTC  
TGTTTGTGATGGTAGCTGTGGTGTATGGTATTGGCTTAATCAGTGCCACAGCTCACACAGTCTTCCTGC  
TAAGATTGTTTTCTGTAAGGCTGATAAAATAAACCACTACTTTTGTGATCTTTTCCATTACTTGAGCT  
GTCTTGCTCTAGTACTTTTATCAATGAAATATTAGCACTGTCCTTCAGTGCATTTAATATTATTGTACCA  
GCCATGACCATCATTGGCTCTTACATCTTCATCATTATCAGCATTTTGCACATTAATCCTCTGGGGCA  
GAGTCAAGGCCTTTAGAACCTGCAGCTCCCATATCTTGGCTGTTGCTATTTTCTTGGTTCTACAACATT  
CATGTATCTACAACCATCTTCAGTCAGCTCCATGGACCAAGGAAAGTGCATCTGTGTTTATACCATT  
GTTGTGCCTATGTTGAATCCCATGATCTACAGCCTGAGAAATAAAGATGTCAAAGTTGCCCTAAAAAAGT  
TACTACAAAAGATGTTTCCTCAAAACAAGGAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR213123 representing NM_207141<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MEELNHTSVTEFILAGLTENPELQLPLFLTFLSVYLFVVGNLGMIVLILISSQLHTPMYYLLSSLSFID<br/> CCQSTVIVPKMLLNFTVTEKNVILYPECIAQFYFFCTFVVAECHMLAAMAYDRYVAISNPLLYKVTMSYQV<br/> CLLMVAVVYGIGLISATAHTVFLRLFFCKADKINHYFCDLPLELSCSSTFINEILALSFSAFNIIVP<br/> AMTIIGSYIFIIISILHIKSSGGRVKAFRTCSSHILAVAIFFGSTTFMYLQPSSVSSMDQGKVSSVFYTI<br/> VVPMLNPMIYSLRNKDVKVALKKLLQKMFPQNKE</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_207141                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ORF Size:</b>         | 942 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_207141.1, NP_997024.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>      | 945 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq ORF:</b>       | 945 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Locus ID:</b>         | 258242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | 9 A5.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MW:</b>               | 35.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |