

## Product datasheet for **MR214124A1V**

### Mouse Olfr1282 (NM\_146907) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Mouse Olfr1282 (NM_146907) AAV Particle                                     |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | Olfr1282                                                                    |
| Synonyms:                 | MOR248-2; MOR248-16; Olfr1557                                               |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >MR214124 representing NM_146907<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAAGACTCTAATCGTACTGTGTCCTCTGAGTTTATTTTCAGGGACTGTGTTCTCAAGGCAACTTG  
AGATCTTCCTCTTACTACCATTTCCATCCTCTACCTGATGGCTGTGGTAGGCAACCTGTTTGTGTGAT  
ATTGATCATCATTGATCATCATCTCCATTCTCCCATGACTTCTTGTAGCCAATCTATCATTTATTGAC  
TTCTGCCTTTCTTCAGTAACCAACCCCAAACTGACCATAGATCTCCTAAAAGAAAATAAAACCATTTCT  
TTGTAGGGTATATGAGGCAGATCGTCTGTGCACTTCTTGCAGGAGGTGAGATGGTACTTCTTGTAAAC  
AATGGCCTATGACCGGTATGTGGCCATCTGCAGGCCACTCCACTACAGCAGCATCATGGACAGACAGAAG  
TGCATCTGGCTCGTTGTGATATCATGGATTGTTGGATTGTGCATGCCATTAGTCAGATGCTCTTGATTT  
TGGATCTACCTTTCTGTGGACCTAGAGTGATAGACAGCTTTTCTGTGATATTCCTTTGGTGATGAAATT  
AGCCTGCATGAATACTGATACTCTGAAATCCTAATAAATGCTGACAGTGGCATTTTAGCAACAATTGT  
TTCATCCTCTTGCTTATATCTTATACTTACATTCTATTAAGTGTCAACATCGCTCTAAAGATGGCTCAT  
CAAAGGCCCTATCTACATGCACATCCCATATCATAGTGGTTCTGCTGTTCTTTGGGCCCATCATTTTAT  
CTATCTGTGGCAGTCAGCATCACCTGGGTTGACAAGTTCTTGCTGATTTTACTCAGTCATCACACCT  
CTCCTTAATCCAGCCATCTACACACTGAGAAATAAAGATATTAATAATGCCATAAAGAACTCATAAGTC  
ACAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR214124 representing NM_146907</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEDSNRTVSSEFIFQGLCSSRQLEIFLLLPFSILYLMVAVGNLFVVILIIDHHLHSPMYFLLANLSFID<br/> FCLSSVTPKLTIDLLKENKTISFVGVMRQIVCVHFFAGGEMVLLVTMAYDRYVAICRPLHYSSIMDRQK<br/> CIWLVVISWIVGFVHAISQMLLILDLPFCGPRVIDSFCDIPLVMKLACMNTDTLEILINADSGILATTC<br/> FILLISYTYILLTVQHRSKDGSSKALSTCTSHIIVLLFFGPIIFIYLPVVSITWVDKFLAVFYSVITP<br/> LLNPAIYTLRNKDIKNAIKKLISHK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>         |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_146907                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 915 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_146907.2, NP_667118.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>      | 918 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq ORF:</b>       | 918 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 258909                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b>     | 2 E3                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MW:</b>               | 34.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |