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# Product datasheet for RC212402A1V

## Human OR4N5 (NM_001004724) AAV Particle

### Product data:

| | |
|---|---|
| **Product Type:** | AAV Particles |
| **Product Name:** | Human OR4N5 (NM_001004724) AAV Particle |
| **Tag:** | Myc-DDK |
| **Symbol:** | OR4N5 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pAAV-AC-Myc-DDK (PS100089) |
| **ORF Nucleotide Sequence:** | >RC212402 representing NM_001004724<br>Red=Cloning site Blue=ORF Green=Tags(s)<br><br>TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC<br>GCCGCGATCGCC<br><br>ATGGAAACACAGAACCTCACAGTGGTGACAGAATTCATTCTTCTTGGTCTGACCCAGTCTCAAGATGCTC<br>AACTTCTGGTCTTTGTGCTAGTCTTAATTTTCTACCTTATCATCCTCCCTGGAAATTTCCTCATCATTTT<br>CACCATAAAGTCAGACCCTGGGCTCACAGCCCCCCTCTATTTCTTTCTGGGCAACTTGGCCTTACTGGAT<br>GCATCCTACTCCTTCATTGTGGTTCCCAGGATGTTGGTGGACTTCCTCTCTGAGAAGAAGGTAATCTCCT<br>ATAGAAGCTGCATCACTCAGCTCTTTTTCTTGCATTTTCTTGGAGCGGGAGAGATGTTCCTCCTCGTTGT<br>GATGGCCTTTGACCGCTACATCGCCATCTGCCGGCCTTTACACTATTCAACCATCATGAACCCTAGAGCC<br>TGCTATGCATTATCGTTGGTTCTGTGGCTTGGGGGCTTTATCCATTCCATTGTACAAGTAGCCCTTATCC<br>TGCACTTGCCTTTCTGTGGCCCAAACCAGCTCGATAACTTCTTCTGTGATGTTCCACAGGTCATCAAGCT<br>GGCCTGCACCAATACCTTTGTGGTGGAGCTTCTGATGGTCTCCAACAGTGGCCTGCTCAGCCTCCTGTGC<br>TTCCTGGGCCTTCTGGCCTCCTATGCAGTCATCCTCTGTCGTATAAGGGAGCACTCCTCTGAAGGAAAGA<br>GCAAGGCTATTTCCACATGCACCACCCATATTATCATTATATTTCTCATGTTTGGACCTGCTATTTTCAT<br>CTACACTTGCCCCTTCCAGGCTTTCCCAGCTGACAAGGTAGTTTCTCTTTTCCATACTGTCATCTTTCCT<br>TTGATGAACCCTGTTATTTATACGCTTCGCAACCAGGAGGTGAAAGCTTCCATGAGGAAGTTGTTAAGTC<br>AACATATGTTTTGC<br><br>ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT<br>ACAAGGATGACGACGATAAGGTTTAA |

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**Protein Sequence:**

>RC212402 representing NM_001004724
Red=Cloning site Green=Tags(s)

METQNLTVVTEFILLGLTQSQDAQLLVFVLVLIFYLIILPGNFLIIFTIKSDPGLTAPLYFFLGNLALLD
ASYSFIVVPRMLVDFLSEKKVISYRSCITQLFFLHFLGAGEMFLLVVMAFDRYIAICRPLHYSTIMNPRA
CYALSLVLWLGGFIHSIVQVALILHLPFCGPNQLDNFFCDVPQVIKLACTNTFVVELLMVSNSGLLSLLC
FLGLLASYAVILCRIREHSSEGKSKAISTCTTHIIIIFLMFGPAIFIYTCPFQAFPADKVVSLFHTVIFP
LMNPVIYTLRNQEVKASMRKLLSQHMFC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM_001004724

**ORF Size:** 924 bp

**Buffer:** PBS with 0.001% Pluronic F68

**Stability:** 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.

**RefSeq:** NM_001004724.1, NP_001004724.1

**RefSeq Size:** 927 bp

**RefSeq ORF:** 927 bp

**Locus ID:** 390437

**UniProt ID:** Q8IXE1

**Cytogenetics:** 14q11.2

**MW:** 34.5 kDa

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