

Product datasheet for RC222415A1V

Human OR4M1 (NM_001005500) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OR4M1 (NM_001005500) AAV Particle
Tag:	Myc-DDK
Symbol:	OR4M1
Synonyms:	OR14-7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC222415 representing NM_001005500 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC

ATGGAAGCTGCAAATTACACCAAGGTGACAGAAATTTGTTCTCACTGGCCTATCCCAGACTCGGGAGGTCC
AACTAGTCCTATTTGTTATATTTCTATCCTTCTATTTGTTTCATCCTACCAGGAAATATCCTTATCATTG
CACCATCAGGCTAGACCCTCATCTGACTTCTCCTATGTATTTCTGTTGGCTAATCTGGCCCTCCTTGAT
ATTTGGTACTCTCCATTACAGCCCCTAAAATGCTCATAGACTTCTTTGTGGAGAGGAAGATAATTTCT
TTGGTGGATGCATTGCACAGCTTCTTCTTACACTTTGTTGGGGCTTCGGAGATGTTCTTGCTCACAGT
GATGGCCTATGACCGCTATGCTGCTATCTGCCGACCCCTCCACTATGCTACCATCATGAATCGACGCTCTC
TGCTGTATCCTGGTGGCTCTCTCCTGGATGGGGGGCTTCATTCTATAATACAGGTGGCTCTCATTG
TTCGACTTCTTTCTGTGGGCCAATGAGTTAGACAGTTACTTCTGTGACATCACACAGGTTGTCCGGAT
TGCCTGTGCCAACACCTTCCCAGAGGAGTTAGTGATGATCTGTAGTAGTGGTCTGATCTCTGTGGTGTGT
TTCATTGCTCTGTTAATGTCCTATGCCTTCTTCTGGCCTTGCTCAAGAAACATTCAGGCTCAGGTGAGA
ATACCAACAGGGCCATGCCACCTGCTATCCCACATTACCATTGTGGTGCTAATGTTTGGGCCATCCAT
CTACATTTATGCTCGCCATTTGACTCATTTTCCCTAGATAAAGTGGTGTCTGTGTTTCATACTGTAATA
TTCCCTTACTTAATCCATTATTTACACATTGAGAAACAAGGAAGTAAAGGCAGCCATGAGGAAGGTGG
TCACCAATATATTTTGTGTGAAGAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC222415 representing NM_001005500 Red=Cloning site Green=Tags(s) METANYTKVTEFVLTGLSQTREVQLVLFVIFLSFYLFILPGNIIICTIRLDPHLTSPMYFLLANLALLD IWYSSITAPKMLIDFFVERKIIISFGGCIQLFHLHFVGASEMFLLTVMAYDRYAAICRPLHYATIMNRRL CCILVALSWMGGFHHSIIQVALIVRLPFCGPNELDSYFCDITQVVRIACANTFPEELVMICSSGLISVVC FIALLMSYAFLLALLKKHSGSGENTNRAMSTCYSHITIVVLMFGPSIYIYARPFDSFSLDKVVSVFHTVI FPLLNP IYTLRNKEVKAAMRKVVTKYILCEEK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001005500
ORF Size:	939 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:	<u>NM_001005500.1</u> , <u>NP_001005500.1</u>
RefSeq Size:	942 bp
RefSeq ORF:	942 bp
Locus ID:	441670
UniProt ID:	<u>Q8NGD0</u>
Cytogenetics:	14q11.2
MW:	35.3 kDa