

Product datasheet for **RC212942A1V**

Human OR7D2 (NM_175883) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OR7D2 (NM_175883) AAV Particle
Tag:	Myc-DDK
Symbol:	OR7D2
Synonyms:	HTPCRHO3; OR19-4; OR19-10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212942 representing NM_175883 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAAGCAGGAAACCAACAGGATTTTATAGATTTATCCTTCTCGGACTCTCTGAGGATCCAGAACTAC
AGCCGTTTCATATTTGGGCTGTTCTGTCCATGTACCTGGTGACGGTGCTGGGAAACCTGCTCATCATCCT
GGCCATCAGCTCTGACTCCACCTCCACACCCCATGTACTTCTTCTCTCAACCTGCTCTGGGTTGAC
ATCTGTTTCAGCACTTGATCGTCCCAAGATGCTGGTGAACATCCAGACCGAGAACAAGCCATCTCCT
ACATGGACTGCCTCACACAGGTCTATTTCTCCATGTTTTTCTTATTCTGGACAGCTACTCCTGACCGT
GATGGCCTATGACCGGTTTGTGGCTGTCTGCCACCTCTGCACTATATGATCATCATGAACCCCACTC
TGTGGCCTCCTGGTTTTTGTACCTGGCTCATTGGTGCATGACATCCCTCCTCCATATTTCTCTGATGA
TGCATCTAATCTTCTGTAAAGATTTTGAATTCACATTTTTTCTGCGAAGTACGATACCTCCAGCT
GGCCTGCTCTGATACCTTCTGAACAGCAGTTGATATACTTTATGACGGGTGTGCTGGGCGTTTTTCCC
CTCCTTGGGATCATTTTCTTATTACGAATTGCTTCATCCATAAGGAAGATGTCCTCATCTGGGGAA
AACAAAAGCACTTTCACCTGTGGGTCTCACCTCTCCGTCGTTTCTTTATTTTATGGGACAGGCATTGG
GGTCCACTTCACTTCTGCGGTGACTCACTCTTCCAGAAAATCTCCGTGGCCTCGGTGATGTACACTGTG
GTCACCCCATGTTGAACCCCTTCATCTACAGCCTGAGGAACAAGGATGTGAAGGAGCCCTGGGGAGTC
TCCTCAGCAGGCAGCCTCTTGTTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC212942 representing NM_175883 Red=Cloning site Green=Tags(s) MEAGNQTGFLEFILLGLSEDPELQPFIFGLFLSMYLVTVLGNLLIILAISDSDLHTPMYFFLSNLSWVD ICFSTCIVPKMLVNIQTENKAISYMDCLTQVYFSMFFPILDLLLLVMAYDRFVAVCHPLHYMIIMNPHL CGLLVFVTWLIGVMTSLLHISLMMHLIFCKDFEIPHFFCELTYILQLACSDTFLNSTLIYFMTGVLGVFP LLGIIFSYSRIASSIRKMSSSGGKQKALSTCGSHLSVVSIFYGTGIGVHFTSAVTHSSQKISVASVMYTV VTPMLNPFIYSLRNKDYKGALGSLLSRAASCL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_175883
ORF Size:	936 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_175883.1</u>
RefSeq Size:	3226 bp
RefSeq ORF:	939 bp
Locus ID:	162998
UniProt ID:	<u>Q96RA2</u>
Cytogenetics:	19p13.2
MW:	34.6 kDa