

Product datasheet for **RC220078A1V**

Human OR2A5 (NM_012365) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human OR2A5 (NM_012365) AAV Particle
Tag:	Myc-DDK
Symbol:	OR2A5
Synonyms:	OR2A8; OR2A11P; OR2A26; OR7-138; OR7-141
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220078 representing NM_012365 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACAAAAATCAGACATGGGTCACAGAATTCATTCTCCTGGGATTTCCACTCAGCCTAAGGATTCAGA
TGCTCCTCTCTGGGCTTTTCTCCCTGTTATACGTCTTCACCTGCTGGGAAATGGGGCCATCCTGGGGCT
CATCTGGCTGGACTCCAGACTGCACACCCCATGTACTCTTTCTCTCACACCTGGCCATCATTGATATT
TCGTATGCTTCCAACAATGTCCCAAGATGCTGACAAACCTTGCTTGAACAAGAGAAAAACAATCTCCT
TTGTCCCATGCACAATGCAGACCTTTTATACATGGCTTTTGCTCACACTGAGTGTCTCATCTTGGAAT
GATGTCTACGATCGGTACATGGCTATCTGCCACCCTCTGCAATATTCTGTCTCATGAGATGGGGAGTG
TGCACAGTCCTGGCTGTCACTTCTTGGGCATGTGGTTCCTTCTGGCCCTGGTCCATGTGGTTCTCATCC
TGAGGCTGCCCTTCTGTGGGCCCCATGAAATCAACCACTTCTTCTGTGAAATCCTGTCTGTCTCAAGTT
GGCCTGTGCTGACACCTGGCTCAACCAGGTGGTCATCTTGTGCTTCAGTGTTTCATCCTGGTGGGGCCG
CTCTGCCTGGTGTGGTCTCTACTCGCGCATCCTGGCGGCCATCTTGAGGATCCAGTCTGGGGAGGGCC
GCAGAAAGGCCTTCTCCACCTGCTCCTCCACCTTTGCATGGTGGGACTCTTCTTGGCAGCGCCATTGT
CATGTACATGGCCCCAAGTCCCGCCACCCTGAGGAGCAGCAGAAGGTCCTTTCCCTGTTTTACAGCCTT
TTCAACCCGATGCTGAACCCCTTGATCTATAGCCTGAGGAACGCAGAGGTCAAGGGTGCCTGAAAAGAG
TGTTGTGGAACAGAGATCAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC220078 representing NM_012365 Red=Cloning site Green=Tags(s) MTKNQTWVTEFILLGFPLSLRIQMLLSGLFSLLYVFTLLGNGAILGLIWLD SRLHTPMYFFLSHLAII DI SYASNNVPKMLTNLGLNKRKTI SFVPCTMQTFLYMAFAHTECLILVMMSYDRYMAICHPLQYSVIMRWGV CTVLAVTSWACGSL LALVHVVLILRLPFCGPHEINHFFCEILSVLKLACADTWLNQVVIFAASVFI LVGP LCLVLVSYSRILAAILRIQSGEGRRKAFSTCSSHLCMVGLFFGSAIVMYMAPKSRHP EEQQKVL SLYSL FNPMNLPLIYSLRNAEVKGALKRVLWKQRSK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012365
ORF Size:	933 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_012365.1 , NP_036497.1
RefSeq Size:	936 bp
RefSeq ORF:	936 bp
Locus ID:	393046
UniProt ID:	Q96R48
Cytogenetics:	7q35
MW:	35 kDa