

Product datasheet for **RC600062A1V**

Human DDR2 (NM_001014796) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DDR2 (NM_001014796) AAV Particle
Tag:	Myc-DDK
Symbol:	DDR2
Synonyms:	MIG20a; NTRKR3; TKT; TYRO10; WRCN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC600062 representing leader sequence plus the extracellular domain region of NM_001014796 Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGATCCTGATTCCCAGAATGCTCTTGGTGCTGTTCTGCTGCTGCCTATCTTGAGTTCTGCAAAAGCTC
AGGTTAATCCAGCTATATGCCGCTATCCTCTGGGCATGTCAGGAGGCCAGATTCCAGATGAGGACATCAC
AGCTTCCAGTCAGTGGTCAGAGTCCACAGCTGCCAAATATGGAAGGCTGGACTCAGAAGAAGGGGATGGA
GCCTGGTGCCCTGAGATTCCAGTGGAACCTGATGACCTGAAGGAGTTTCTGCAGATTGACTTGCACACCC
TCCATTTTATCACTCTGGTGGGACCCAGGGGCCCATGCAGGAGGTCATGGCATCGAGTTTGCCCCCAT
GTACAAGATCAATTACAGTCGGGATGGCACTCGCTGGATCTCTTGGCGGAACCGTCATGGGAAACAGGTG
CTGGATGGAAATAGTAACCCCTATGACATTTTCTAAAGGACTTGGAGCCGCCATTGTAGCCAGATTTG
TCCGGTTCATTCCAGTCACCGACCACTCCATGAATGTGTGTATGAGAGTGGAGCTTTACGGCTGTGTCTG
GCTAGATGGCTTGGTGTCTTACAATGCTCCAGCTGGGCAGCAGTTTGTACTCCCTGGAGGTTCCATCATT
TATCTGAATGATTCTGTCTATGATGGAGCTGTTGGATACAGCATGACAGAAGGGCTAGGCCAATTGACCG
ATGGTGTGTCTGGCCTGGACGATTTACCCAGACCCATGAATACCACGTGTGGCCCGGCTATGACTATGT
GGGCTGGCGGAACGAGAGTGCCACCAATGGCTACATTGAGATCATGTTTGAATTTGACCGCATCAGGAAT
TTCATACCATGAAGGTCCACTGCAACAACATGTTTGCTAAAGGTGTGAAGATCTTTAAGGAGGTACAGT
GCTACTTCCGCTCTGAAGCCAGTGAGTGGGAACCTAATGCCATTTCTTCCCCCTTGCTCTGGATGACGT
CAACCCAGTGCTCGGTTTGTACGGTGCCTCTCCACCACCGAATGGCCAGTGCCATCAAGTGTCAATAC
CATTTTGCAGATACCTGGATGATGTTCACTGAGATCACCTTCCAATCAGATGCTGCAATGTACAACAAC
CTGAAGCCCTGCCACCTCTCTATGGCACCCACAACCTATGATCCAATGCTTAAAGTTGATGACAGCAA
CACTCGG

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAA TGAGATC
TGGTACCGATATCAAGCTTGTCGACTCTAGA



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Protein Sequence:	>RC600062 representing signal peptide plus the extracellular domain region of NM_001014796 Red=Cloning sites Green= DDK and 6XHIS Tags MILIPRMLLVLFLLLPILSSAKAQVNPACRYPLGMSGGQIPDEDITASSQWSESTAACYGRDSEEGDG AWCPEIPVEPDDLKEFLQIDLHLHFITLVGTQGRHAGGHGIEFAPMYKINYSRDGTRWISWRNRHGKQV LDGNSNPYDIFLKDLEPPIVARFVRFIPVTDHSMNVCMRVELYGCWLDGLVSYNAPAGQQFVLPGGSII YLNDVYDYGAVGYSMTGLGQLTDGVSLDDFTQTHEYHVWPGYDYVGWRNESATNGYIEIMFEFDRIRN FTTMKVHCNNMFAKGVKIFKEVQCYFRSEASEWEPNAISFPLVLDDVNPSARFVTPLHHRMASAIAKCQY HFADTWMFSEITFQSDAAMYNSEALPTSPMAPTTYDPMKVVDSNTR TRSGTRSGDYKDDDDKGSHHHHHH
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001014796
ORF Size:	1197 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_001014796.1, NP_001014796.1</u>
RefSeq Size:	3252 bp
RefSeq ORF:	2568 bp
Locus ID:	4921
UniProt ID:	<u>Q16832</u>
Cytogenetics:	1q23.3
MW:	45.1 kDa