

Product datasheet for **RC200829A1V**

Human GRWD1 (NM_031485) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GRWD1
Synonyms:	CDW4; GRWD; RRB1; WDR28
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200829 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCGGCGCGCAAGGGTCGGCGTCGCACGTGTGAAACCGGGGAACCCATGGAAGCCGAGTCCGGCGACA
CAAGTTCGAGGGCCGGCCAGGTCTACCTGCCGGCCGGGGCCCGCTACGCGAAGGGAGGAGCT
GGTCATGGACGAGGAGGCTATGTGCTCTACCACCGAGCGCAGACTGGCGCCCCCTGTCTCAGCTTTGAC
ATAGTCCGGGATCACTGGGAGACAACCGACAGAGCTTCCTCTTACACTTTACTTGTGTGCTGGGACCC
AGGCTGAGAGCGCCAGAGCAACAGACTGATGATGCTTCGGATGCACAATCTGCATGGGACAAAGCCCC
ACCCTCAGAGGGCAGTGATGAAGAAGAAGAGGAGGAAGATGAAGAGGATGAAGAAGAGCGGAAACCTCAG
CTGGAGCTGGCCATGGTGCCCACTATGGTGCCATCAACCGAGTTCGGGTGTCATGGCTGGGTGAAGAGC
CTGTGGCTGGGGTGTGGTCAGAGAAGGGCCAGGTGGAGGTGTTTGCCTGCGGCGGCTTCTGCAGGTGGT
GGAGGAGCCCCAGGCCCTGGCAGCCTTCTCCGGGATGAGCAGGCCAAATGAAGCCCATCTTCTCCTTC
GCTGGACACATGGGCGAGGGCTTTGCCCTTGACTGGTCCCCCGGGTGACCGGTGCTGCTGACCGGTG
ACTGTCAAAAGAACATCCACCTCTGGACACCTACGGACGGCGGCTCCTGGCACGTGGACGAGCGGCCATT
CGTGGGCCACACACGCTCTGTGGAGGACCTGCAGTGGTCACCGACTGAGAACACGGTGTTTGCTCCTGC
TCAGCTGACGCCTCCATCCGCATCTGGGACATCCGGGACGCCCCAGCAAGGCCTGCATGCTCACCACAG
CCACCGCCCATGATGGGACGTCAATGTGTCATCAGCTGGAGCCGCCGGGAGCCCTTCTGCTCAGTGGCGG
GGATGATGGGGCCCTCAAGATCTGGGACCTTCGGCAGTTCAAGTCTGGTTCCCAAGTGGCCACCTTCAAG
CAGCACGTGGCCCCGTGACCTCCGTGAGTGGCAGCCCCAGGACAGCGGGGTCTTTGCAGCCTCGGGTG
CAGACCACAGATCACACAGTGGGACCTGGCAGTGGAGCGGGACCTGAGGCGGGGACGTGGAGGCCGA
CCCCGAGTGGCGACCTCCCGCAGCAGCTGCTGTTCTGTCACAGGGCGAGACCGAGCTGAAGGAGCTG
CACTGGCACCCGAGTGGCCAGGGCTCCTGGTCAGCACGGCGCTGTGAGGCTTACCATCTTCGCACCA
TCAGCGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200829 protein sequence Red=Cloning site Green=Tags(s) MAARKGRRRTCETGEPMEAESGDTSSGPAQVYLPGRGPPLREGEELVMDEEAYVLYHRAQTGAPCLSFD IVRDHLGDNRTPLTLTYLCAGTQAESAQSNRLMMLRMHNLHGTPPPSEGSDEEEEEDEEERKPQ LELAMVPHYGGINRVRVSWLGEEPAGVWSEKQVEVFALRRLQVVEEPQALAAFLRDEQAQMKPIFSF AGHMGEGFALDWSRVTRGRLLTGDCQKNIHLWPTDGGSWHVDQRPFGHTRSVEDLQWSPTENTVFASC SADASIRIWDIRAAPSKACMLTTATAHDGDVNVISWSRREPFLLSGGDDGALKIWDLRQFKSGSPVATFK QHVAPVTSVEWHPQDSGVFAASGADHQITQWDLAVERDPEAGDVEADPGLADLPQQLLFVHQGETELKEL HWHPPQCPGLLVSTALSGFTIFRTISV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_031485
ORF Size:	1338 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_031485.2</u>
RefSeq Size:	2456 bp
RefSeq ORF:	1341 bp
Locus ID:	83743
UniProt ID:	<u>Q9BQ67</u>
Cytogenetics:	19q13.33
MW:	49.4 kDa