

Product datasheet for **RC227309A1V**

Human **C20orf31 (EDEM2) (NM_001145025) AAV Particle**

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	C20orf31
Synonyms:	bA4204.1; C20orf31; C20orf49
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC227309 representing NM_001145025
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCTTTCGGCTGCTCATCCGCTCGGCCTCCTGTGCGCGCTGCTGCCTCAGCACCATGGTGCGCCAG
 GTCCCGACGGCTCCGCGCCAGATCCCGCCCACTACAGTTTTTCTCTGACTCTAATTGATGCACTGGACAC
 CTTGCTGATTTTGGGAATGTCTCAGAATTCCAAAGAGTGGTTGAAGTGTCCAGGACAGCGTGGACTTT
 GATATTGATGTGAACGCTCTGTGTTTGAACAACATTGAGTGGTAGGAGGACTCCTGTCTGCTCATC
 TGCTCTCCAAGAAGGCTGGGGTGAAGTAGAGGCTGGATGGCCCTGTTCCGGGCCTCTCCTGAGAATGGC
 TGAGGAGGCGGCCCGAAAACTCCTCCAGCCTTTCAGACCCCACTGGCATGCCATATGGAACAGTGAAC
 TTACTTCATGGCGTGAACCCAGGAGAGACCCCTGTACCTGTACGGCAGGGATTGGGACCTTCATTGTTG
 AATTTGCCACCTGAGCAGCCTCACTGGTGACCCGGTGTTCGAAGATGTGGCCAGAGTGGCTTTGATGCG
 CCTCTGGGAGACCGGTGAGATATCGGGCTGGTCGGCAACCACATTGATGTGCTCACTGGCAAGTGGGTG
 GCCCAGGACGAGGCATCGGGCTGGCGTGGACTCCTACTTTGAGTACTTGGTGAAAGGAGCCATCCTGC
 TTCAGGATAAGAAGCTCATGGCCATGTTCTAGAGTATAACAAAGCCATCCGGAACACACCCGCTTCGA
 TGACTGGTACCTGTGGGTTGAGATGTACAAGGGAGCTGTGCCATGCCAGTCTTCCAGTCTTTGGAGGCC
 TACTGGCCTGGTCTTCAAGCCTCATTGGAGACATTGACAATGCCATGAGGACCTTCTCACTACTACA
 CTGTATGGAAGCAGTTTGGGGGCTCCCGAATTCTACAACATTCTCAGGGATACACAGTGGAGAAGCG
 AGAGGGCTACCCACTTCGGCCAGAATTATTGAAAGCGCAATGTACCTCTACCGTGCCACGGGGGATCCC
 ACCCTCTAGAAGCTCGGAAGAGATGCTGTGGAATCCATTGAAAAATCAGCAAGGTGGAGTGCAGTTTG
 CAACAATCAAAGATCTGCGAGACCACAAGCTGGACAACCGCATGGAGTCGTTCTTCTGGCCGAGACTGT
 GAAATACCTCTACCTCCTGTTTGACCCAACCACTTCATCCACAACATGGGTCCACCTTCGACGCGGTG
 ATCACCCCTATGGGGAGTGATCCTGGGGGCTGGGGGTACATCTTCAACACAGAAGCTCACCCCATCG
 ACCCTGCCGCCCTGCACTGCTGCCAGAGGCTGAAGGAAGAGCAGTGGGAGTGGAGGACTTGATGAGGGA
 ATTCTACTCTCTCAAACGAGCAGGTGCAATTTTCAAAAAACACTGTTAGTTTCGGGGCCATGGGAACCT
 CCAGCAAGGCCAGGAACACTCTTCTCACCAGAAAACCATGACCAGGCAAGGGAGAGGAAGCCTGCCAAAC
 AGAAGGTCCCACTTCTCAGTGCCCAAGTCAAGCCTTCACTCCAAGTTGGCATTACTGGGACAGTTTTT
 CCTAGACTCTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227309 representing NM_001145025
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MPFRLLIPLGLLCALLPQHHGAPGPDGSA PDPAHYSFSLTLIDALD LLLILGNVSEFQRVVEVLQDSVDF
 DIDVNASVFETNIRVVGGLLSAHLLSKKAGVEVEAGWPCSGPLLRMAEEAARKLLPAFQPTGMPYGTVN
 LLHGVNPGETPVCTAGITFIVEFATLSSLTGD PVFEDVARVALMRLWESRSDIGLVGNHIDVLTGKWW
 AQDAGIGAGVDSYFEYLVKGAILLQDKKLMAMFLEYNKAIRNYTRFDDWYLVWQMYKGTVSMPVFQSLEA
 YWPGQLSLIGDIDNAMRTFLNYTTVWKQFGGLPEFYNIPQGYTVEKREGYPLRPELIESAMYL YRATGDP
 TLLELRDAVESIEKISKVECGFATIKDLRDHKL DNRMESFFLAETVKYLYLLFDPTNF IHNGSTFDAY
 ITPYGCILGAGGYIFNTEAHPIDPAALHCCQRLKEEQWEEDLMREFYSLKRSRSKFQKNTVSSGPWEP
 PARPGTLFSPENHDQARERKPAKQKVPLLSCPSQPFTSKLALLQVFLDSS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001145025
ORF Size: 1623 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_001145025.1
RefSeq ORF:	1626 bp
Locus ID:	55741
UniProt ID:	Q9BV94
Cytogenetics:	20q11.22
MW:	60.1 kDa