

Product datasheet for **RC203370A1V**

Human DEM1 (EXO5) (NM_022774) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DEM1 (EXO5) (NM_022774) AAV Particle
Tag:	Myc-DDK
Symbol:	DEM1
Synonyms:	C1orf176; DEM1; Exo V; hExo5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203370 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCAGAGACAAGAGAAGAGGAGACAGTGTCTCAGCAGAAGCCTCAGGGTTCTCAGACTTGAGTGACTCAG
AGTTCTCGGAGTTTCTGGACCTAGAAGATGCCAAGAGTCAAAGGCTTTAGTTAACATGCCTGGCCCATC
TTCTGAATCCCTTGGGAAGGATGACAAACCCATAAGCTTACAAAAGTGGAAAAGAGGATTGGATATATTA
TCACCCATGGAGAGATTCCACCTTAAATATTTATATGTCAGTACCTGGCTACTCAGAACTGGTGTGAAC
TGCAAACAGCATATGGGAAGGAGCTTCTGGTTTCTTGGCACCTGAGAAGGCAGCTGTGTTGGACACTGG
TGCCAGCATACCTAGCTAGAGAACTAGAATTCATGATCTTGTGACTGTCCAGTCACCACTAAAGAA
GATGCTTGGGCAATTAAGTTTCTGAACATACTTTGCTGATTCTACCCTGCAGTCAGAAGGGCACATCA
GAGAGTTTCCAGTGTTTGGGAAGTGGAGGGTGTACTTCTTGTGGAGTGATTGATGAGCTGCACTATAC
AGCCAAGGGGAACTGGAGCTGGCGAACTCAAGACACGCAGGCGCCCTATGCTCCCTCTGGAAGCTCAG
AAGAAGAAAGACTGTTTTCAAGTCAGCCTATACAAATATATCTTTGATGCCATGGTACAAGGAAAAGTGA
CCCCTGCTAGCCTAATCCACCACACAAAGTTGTGTCTAGAAAAGCCACTGGGGCCATCAGTGCTGAGGCA
TGCCCAGCAGGGAGGCTTCTCTGTGAAGTCTTGGGTGACCTCATGGAATTTGCTTCTGTCTCTAACA
CTGTCTCAGACCTCCAGTTATTGATATCTTGAAGATTGAGTATATCCACCAAGAGACTGCCACTGTGCTGG
GTACTGAGATTGTAGCCTTCAAAGAGAAGGAGGTGAGAGCCAAGGTGCAGCATTATAGGCTACTGGAT
GGGCCACCGAGAGCCCCAGGGAGTTGACGTGGAGGAGGCTTGGAGTGCCGGACGTGTACCTATGCAGAC
ATTTGTGAGTGAGAAAGGGCAGTGAGTGCTCAGCTCTACACTGGCGCCCAAGTCAAAAAGCCAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203370 protein sequence Red=Cloning site Green=Tags(s) MAETREEETVSAEASGFSDLSDSEFLEFLDLEDAQESKALVNMPGPSSSESLGKDDKPISLQNWKRGLDIL SPMERFHLKYL YVTDLATQNWCELQTAYGKELPGFLAPEKAAVLDTGASIHARELELHDLVTPVTTKE DAWAIKFLNILLIPTLQSEGHIREFPVFGEVEGVLLVGVIDELHYTAKGELELAELKTRRRPMLPLEAQ KKKDCFQVSLYKYIFDAMVQGKVTASLIHHTKLCLEKPLGPSVL RHAQQGGFSVKSLGDMELVFLSLT LSDLPVIDILKIEYIHQETATVLGTEIVAFKEKEVRKVQHYMAYWMGHREPQGV DVEEAWKCRTCTYAD ICEWRKGSGLSSTLAPQVKKAK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022774
ORF Size:	1119 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_022774.1</u>
RefSeq Size:	2217 bp
RefSeq ORF:	1122 bp
Locus ID:	64789
UniProt ID:	<u>Q9H790</u>
Cytogenetics:	1p34.2
MW:	41.9 kDa