

Product datasheet for **RC205655A1V**

Human EDEM1 (NM_014674) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EDEM1 (NM_014674) AAV Particle
Tag:	Myc-DDK
Symbol:	EDEM1
Synonyms:	EDEM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205655 representing NM_014674
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCAATGGCGAGCGCTCGTCCTGGGGCTGGTGTCTCTCCGGCTTGGCCTCCATGGAGTATTGTGGCTCG
 TCTTCGGGCTGGGGCCAGCATGGGCTTCTACCAGCGCTTCCGCTCAGCTTCGGCTTCCAGCGTCTGAG
 GAGCCCGACGGCCCGCGTCGCCACCTCGGGGCCGCTGGGCCGGCCTGGGGGGGTATCCGGGCCGTGC
 TGGCTGCAGCCGCCGGGACCGGGCAGCGCAGAGCCCGCAAGGCTCCGCGGCGTCTGGGCCGGGA
 TGTGGGCCCAGCCAACCTGGGGCTACGTGCTGGCGGGCCGGGCGCGGCCGGACGAGTACGAGAAGCG
 CTACAGCGGCGCTTCCCTCCGAGCTGCGTGGCCAGATGCGCGACCTGGCACGGGGCATGTTCTCTTT
 GGCTACGACAACATACATGGCTCACGCCTTCCCCAGGACGAGCTCAACCCCATCCACTGCCGCGGCCGTG
 GGCCCGACCGGGGACCCTTCAAACTGAACATCAATGATGTACTAGGGAACACTCATTGACTCTTGT
 TGATGCATTGGATACACTTGAATAATGGGAAATTCATCCGAGTTCAGAAAGCAGTCAAGTTAGTGATC
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 TCCTTTCTGCTCACAGAATAATAACTGACTCCAAGCAGCCCTTTGGTGACATGACAATTAAGGACTATGA
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 GTGAACATTGAGACGGCCACTGGGTTGAAAGCAGAGTGGCCTGGGTGCCGGGCTGGACTCCTTCTATG
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 GAGTATTCAGAACTACTTAAGAAGAGGGCGGGAAGCCTGCAATGAAGGAGAAGGAGACCCCTCCACTCTAT
 GTCAACGTGAACATGTTCAAGTGGCAGCTGATGAACACCTGGATTGACTCTCTGCAGGCCTTTTCCCTG
 GACTGCAGGTGCTGATAGGAGATGTGAAGATGCCATCTGCCTTCATGCCTTCTACTATGCCATATGAA
 ACGATATGGTGCCCTCCCTGAGAGATATAACTGGCAGCTGCAGGCCCTGACGTTCTTCTACCCACTG
 AGACCAGAGTTAGTGAATCCACATATCTCTCTACCAGGCAACCAAGAATCCCTTCTACCTCCATGTAG
 GAATGGATATTCTGCAGAGTCTGAAAAGTACACAAAAGTCAAGTGTGGGTACGCCACGCTGCATCACGT
 CATTGACAAGTCCACAGAAGACCGGATGGAGAGCTTCTTCTCAGTGAGACCTGTAATATTTGTATCTG
 CTGTTTGATGAAGACAATCCAGTACACAAGTCTGGAACAGATACATGTTCAACAGAGGGACACATTG
 TATCTGTGGATGAGCATCTTCGGGAATTGCCATGGAAGGAATTCTTCTCTGAAGAGGGAGGGCAGGACCA
 AGGGGGAAGTCTGTGCACAGGCCGAAACCTCATGAGTTAAAAGTCATCAACTCCAGCTCCAACCTGCAAT
 CGTGTACCTGATGAGAGGAGTACTCCCTGCCCTTAAAGAGCATCTACATGCGACAGATTGACCAGATGG
 TTGGTTTGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205655 representing NM_014674 Red=Cloning site Green=Tags(s) MQWRALVLGLVLLRLGLHGVWLVLVFLGPGSMGFYQRFPLSFGFQRLRSPDGPASPTSGPVGRPGGVSGPS WLQPPGTGAAQSPRKAPRRPGPGMCGPANWGYVLGGRGRGPDEYEKRYSGAFPPQLRAQMRDLARGMFVF GYDNYMAHAFQDELNPIHCRGRGPDGDPNSLNINDVLGNYSLTLDALDTLAIMGNSSEFQKAVKLV NTVSFDKDVQVFEATIRVLGSLLSAHRITIDSKQPFQDMTIKDYDNELLYMAHDLAVRLLPAFENTKT GIPYPRVNLKTGVPPDTNNETCTAGAGSLLVEFGILSRLLGDSTFEWVARRAVKALWNLRSNDTGLLGNV VNIQTGHWVGKQSGLGAGLDSFYEYLLKSYILFGEKEDLEMFNAAYSIQNYLRRGREACNEGEDPPLY VNVNMFSGQLMNTWIDSLQAFFPGLQVLIGDVEDAICLHAFYYAIWKRYGALPERYNWQLQAPDVLFPPL RPELVESTYLLYQATKNPFYLHVGMIDILQSLEKYTKVKCGYATLHHVIDKSTEDRMESFFLSETCKYLYL LFDEDNPVHKSGTRYMFTTEGHIVSVDEHLREL PWKEFFSEEGQDQGGKSVHRPKPHELVINSSNCN RVPDERRYSPLKSIYMRQIDQMVGLI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014674
ORF Size:	1971 bp
Buffer:	PBS with 0.001% Pluronic F5745
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_014674.1, NP_055489.1</u>
RefSeq Size:	6072 bp
RefSeq ORF:	1974 bp
Locus ID:	9695
UniProt ID:	<u>Q92611</u>
Cytogenetics:	3p26.1
MW:	73.6 kDa