

Product datasheet for **RC202001A1V**

Human CD97 (ADGRE5) (NM_001784) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD97 (ADGRE5) (NM_001784) AAV Particle
Tag:	Myc-DDK
Symbol:	ADGRE5
Synonyms:	CD97; TM7LN1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202001 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGAGGCCGCTCTTTCTCGATTCTGTGTCTGGCTGACTCTGCCGGGAGCTGAAACCCAGGACTCCA
 GGGGCTGTGCCCGGTGGTGCCCTCAGAACTCCTCGTGTGTCAATGCCACCGCCTGTCGCTGCAATCCAGG
 GTTCAGCTCTTTTTCTGAGATCATCACACCCCGACGGAGACTTGTGACGACATCAACGAGTGTGCAACA
 CCGTCGAAAGTGTATGCGGAAAATTCTCGGACTGCTGGAACACAGAGGGGAGCTACGACTGCGTGTGCA
 GCCCGGATATGAGCCTGTTTCTGGGGCAAAACATTCAAGAATGAGAGCGAGAACACCTGTCAAGATGT
 GGACGAGTGCAGCTCCGGGCAGCATCAGTGTGACAGCTCCACCGTCTGCTTCAACACCGTGGGTTACATC
 AGCTGCCGCTGCCGCCAGGCTGGAAGCCAGACACGGAATCCGAATAACCAAAAGGACACTGTCTGTG
 AAGATATGACTTTCTCCACCTGGACCCCGCCCTGGAGTCCACAGCCAGACGCTTCCCGATTCTTCGA
 CAAAGTCCAGGACCTGGGCAGAGACTCCAAGACAAGCTCAGCCGAGGTACCATCCAGAATGTCATCAA
 TTGGTGGATGAACTGATGGAAGCTCCTGGAGACGTAGAGGCCCTGGCGCCACCTGTCCGGCACCTCATAG
 CCACCCAGCTGCTCTCAAACCTTGAAGATATCATGAGGATCCTGGCCAAGAGCCTGCCTAAAGGCCCTT
 CACCTACATTTCCCTTCGAACACAGAGCTGACCCTGATGATCCAGGAGCGGGGGACAAGAAGTCACT
 ATGGGTGAGAGCAGCGCACGATGAAGCTGAATTGGGCTGTGGCAGCTGGAGCCGAGGATCCAGGCCCGG
 CCGTGGCGGGCATCCTCTCCATCCAGAACATGACGACATTGCTGGCCAATGCCTCCTTGAACCTGCATT
 CAAGAAGCAAGCCGAAGTGGAGGAGATATGAAAGCAGCATCCGTGGTGTCCAACCTCAGACGCCTCTCT
 GCCGTCAACTCCATCTTTCTGAGCCACAACAACCAAGGAAGTCAACTCCCCCATCCTTTTCGCTTCT
 CCCACCTTGAGTCTCCGATGGGAGGGCGGAAGAGACCCTCCTGCCAAGGACGTGATGCCTGGGCCACG
 GCAGGAGCTGCTCTGTGCTTCTGGAAGAGTGACAGCGACAGGGGAGGGCACTGGGCCACCGAGGGCTGC
 CAGGTGCTGGGCAGCAAGAACGCGCAGCACACCTGCCAATGCAGCCACCTGAGCAGCTTTGCGATCCTTA
 TGGCTCATTATGACGTGGAGGACTGGAAGCTGACCCTGATCACCAGGGTGGGACTGGCGTGTCACTCTT
 CTGCCTGCTGCTGTCATCCTCACTTTCTGCTGGTGGGCCCATCCAGGGCTCGCGCACCACCATACAC
 CTGCACCTCTGCATCTGCCTCTTCGTGGGCTCCACCATCTTCTGGCCGGCATCGAGAACGAAGCGGCC
 AGGTGGGGCTGCGCTGCCGCTGGTGGCCGGGCTGCTGCACTACTGTTTCTGGCCGCTTCTGCTGGAT
 GAGCCTCGAAGGCCTGGAGCTCTACTTTCTTGTGGTGGCGTGTTCGAAGGCCAGGGCCTGAGTACGCGC
 TGGCTCTGCCTGATCGGCTATGGCGTGGCCCTGCTCATCGTGGCGTCTCGGCTGCCATCTACAGCAAGG
 GCTACGGCCGCCCCAGATACTGCTGGTTGGACTTTGAGCAGGGCTTCTCTGGAGCTTCTGGGACCTGT
 GACCTTCATCATTTTGTGCAATGCTGTCACTTTCTGTGACTACCGTCTGGAAGCTCACTCAGAAGTTTCT
 GAAATCAATCCAGACATGAAGAAATTAAGAAGGCGAGGGCGCTGACCATCACGGCCATCGCGCAGCTCT
 TCCTGTTGGGCTGCACCTGGGTCTTGGCCTGTTATCTTCGACGATCGGAGCTTGGTGTGACCTATGT
 GTTTACCATCCTCAACTGCCTGCAGGGCGCCTTCTCTACCTGCTGCACTGCCTGCTCAACAAGAAGGT
 CGGGAAGAATACCGGAAGTGGGCTGCCTAGTTGCTGGGGGAGCAAGTACTCAGAATTCACCTCCACCA
 CGTCTGGCACTGGCCACAATCAGACCCGGGCCCTCAGGGCATCAGAGTCCGGCATA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202001 protein sequence Red=Cloning site Green=Tags(s) MGGRVFLAFCVWLTLPGAETQDSRGCARWCPQNSSCVNATACRCNPGFSSFSEIITPTETCDDINECAT PSKVSCGKFSDCWNTEGSYDCVCSPGYEPVSGAKTFKNESENTCQDVDECSSGQHQCDSSTVCFNTVGSY SCRCRPGWKPRHGIPNNQKDTVCEDMTFSTWTPPPGVHSQTLRFFDKVQDLGRDSKTSSAEVTIQNVIK LVDELMEAPGDVEALAPPVRHLIATQLLSNLEDIMRILAKSLPKGPFTYISPSNTELTLMIQERGDKNVT MGQSSARMKLNWAVAAGAEDPGPAVAGILSIQNMTTLLANASLNLHSSKQAELEEIYESSIRGVQLRRLS AVNSIFLSHNNTKELNSPILFAFSHLESSDGEAGRDPPAKDVMPGPRQELLCAFWKSDSDRGGHWATEGC QVLGSKNGSTTCQCSHLSSFAILMAHYDVEDWKLTLITRVGLALSFLCLLLCILTFLLVRPIQGSRTTIH LHLCICLFVVGSTIFLAGIENEGGQVGLRCRLVAGLLHYCFLLAFWMSLEGLLEYFLVVRVFQGGQLSTR WLCLIGYGVPLLVGVSAAIYSKGYGRPRYCWLDFEQGFLWSFLGPVTFIILCNAVIFVTTVWKLTKQKFS EINPDMKKLKKARALTITAIQLFLLGCTWVFGFLIFDDRSLVLTIVFTILNCLQGAFLYLLHCLLNKKV REEYRKWACL VAGGSKYSEFTSTTSGTGHNQTRALRASESGI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001784
ORF Size:	2226 bp
Buffer:	PBS with 0.001% Pluronic F5262
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_001784.3
RefSeq Size:	3221 bp
RefSeq ORF:	2229 bp
Locus ID:	976
UniProt ID:	P48960
Cytogenetics:	19p13.12
MW:	81.7 kDa