

Product datasheet for **RC208442A1V**

Human Angiotensin Converting Enzyme 2 (ACE2) (NM_021804) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Angiotensin Converting Enzyme 2 (ACE2) (NM_021804) AAV Particle
Tag:	Myc-DDK
Symbol:	ACE2
Synonyms:	ACEH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208442 representing NM_021804.

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

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGTCAAGCTCTTCCTGGCTCCTTCTCAGCCTTGTGTGTAAGTCTGCTCAGTCCACCATTGAGGAA
CAGGCCAAGACATTTTTGGACAAGTTTAACACGAAGCCGAAGACCTGTTCTATCAAAGTTCACTTGCT
TCTTGGAATTATAACACCAATATTACTGAAGAGAATGTCCAAAACATGAATAATGCTGGGACAAAATGG
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CTGATCTTCACTGGGATCAGAGATCGGAAGAAGAAAAATAAGCAAGAAGTGGAGAAAACTTTATGCC
TCCATCGATATTAGCAAAGGAGAAAAATAATCCAGGATTCCAAAACACTGATGATGTTTACACCTCCTTT
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Protein Sequence:	>Peptide sequence encoded by RC208442 Blue=ORF Red=Cloning site Green=Tag(s) MSSSSWLLL SLVAVTAAQSTIEEQAKTFLDKFNHEAEDLFYQSSLASWNYNTNITEENVQNMNAGDKW SAFLKEQSTLAQMYPLQEIQNL TVKLQLQALQQNGSSVLSSEKSKRLNTILNTMSTIYSTGKVCNPDNP QECLLLEPGLNEIMANSLDYNERLWAWESWRSEVGKQLRPLYEEYVVLKNEMARANHYEDYGDYWRGDY EVNGVDGYDYSRGQLIEDVEHTFEEIKPLYEHLHAYVRAKLMNAYPSYISPIGCLPAHLLGDMWGRFWT NLYSLTVPFGQKPNIDVTAMVDQAWDAQRIFKEAEKFFVSVGLPNMTQGFWENSMLTDPGNVQKAVCH PTAWDLGKGDFRILMCTKVMTDDFLTAAHEMGGHIQYDMAYAAQPFLLRNGANEGFHEAVGEIMSLSAAT PKHLKISIGLLSPDFQEDNETEINFLKQALITVGTLPFTYMLEKWRWMVFKGEIPKDQWMKKWEMKRE IVGVPEVPVPHDETYCDPASLFHVSNDYSFIRYYTRTL YQFQFQEALCQAAKHEGPLHKCDISNSTEAGQ KLNFMLRLGKSEPWTLAENVVGAKNMNVRPLLNYFEPLFTWLKDQNKNSFVGWSTDWSPYADQSIKVR ISLKSA LGDKAYEWNDEM YLFRSSVAYAMRQYFLKVKNQMILFGEEDVRVANLKPRI SFNFV TAPKN VSDIIPRTEVEKAIRMSRSRINDAFRLNDNSLEFLGIQPTLGPPNQPPVSIWLIVFGVVMGVIVGIVI LIFTGIRD RKKKNKARSGENPYASIDISKGENNPGFQNTDDVQTSF TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021804
ORF Size:	2450 bp
Buffer:	PBS with 0.001% Pluronic F6266
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_021804.1</u>
RefSeq Size:	3519 bp
RefSeq ORF:	2418 bp
Locus ID:	59272
UniProt ID:	<u>Q9BYF1</u>
Cytogenetics:	Xp22.2
MW:	92.5 kDa