



Cat# **SC124099**

**ACE2 (untagged, NM\_021804)-Human angiotensin I converting enzyme (peptidyl-dipeptidase A) 2 (ACE2)**

RefSeq: NM\_021804

Gene Name: ACE2

Vector: pCMV6-XL4

ORF Size: 2418 bp

Insert size: 3800

Fully sequenced ORF: ORF sequence for NM\_021804, the custom clone sequence may differ by one or more nucleotides

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ATGTCAAGCTCTTCCTGGCTCCTTCTCAGCCTTGTTGCTGTAAGTCTGCTCAGTCCACCATTGAGGAACAGGCC
AAGACATTTTTGGACAAGTTTAAACCACGAAGCCGAGACCTGTTCTATCAAAGTTCACCTTGCTTCTTGAATTAT
AACACCAATATTACTGAAGAGAATGTCCAAAACATGAATAATGCTGGGGACAAATGGTCTGCCTTTTTTAAAGGAA
CAGTCCACACTTGCCCAAATGTATCCACTACAAGAAATTCAGAATCTCACAGTCAAGCTTCAGCTGCAGGCTCTT
CAGCAAAATGGGTCTTCAGTGCTCTCAGAAGACAAGAGCAAACGGTTGAACACAATCTAAATACAATGAGCACC
ATCTACAGTACTGGAAAAGTTTTGTAACCCAGATAATCCACAAGAATGCTTATTACTTGAACCAGGTTTGAATGAA
ATAATGGCAAACAGTTTACTAGACTACAATGAGAGGCTCTGGGCTTGGGAAAAGCTGGAGATCTGAGGTCGGCAAGCAG
CTGAGGCCATTATATGAAGAGTATGTGGTCTTGAAAAATGAGATGGCAAGAGCAAATCATTATGAGGACTATGGG
GATTATTGGAGAGGAGACTATGAAGTAAATGGGGTAGATGGCTATGACTACAGCCGCGGCCAGTTGATTGAAGAT
GTGGAACATACCTTTGAAGAGATTAACCATTATATGAACATCTTCATGCCTATGTGAGGGCAAAGTTGATGAAT
GCCTATCCTTCTATATCAGTCCAATTGGATGCCTCCCTGCTCATTGCTTGGTGATATGTGGGGTAGATTTTGG
ACAAATCTGTACTCTTTGACAGTTCCTTTGGACAGAAAACAAAACATAGATGTTACTGATGCAATGGTGGACCAG
GCCTGGGATGCACAGAGAATATTCAAGGAGGCCGAGAAAGTTCTTTGTATCTGTTGGTCTTCCTAATATGACTCAA
GGATTCTGGGAAAATTCATGCTAACGGACCCAGGAAATGTTTCAGAAAAGCAGTCTGCCATCCCACAGCTTGGGAC
CTGGGGAAGGGCGACTTCAGGATCCTTATGTGCACAAAAGGTGACAATGGACGACTTCTGACAGCTCATCATGAG
ATGGGGCATATCCAGTATGATATGGCATATGCTGCACAACCTTTCTGCTAAGAAAATGGAGCTAATGAAGGATTC
CATGAAGCTGTTGGGAAATCATGTCACTTTCTGCAGCCACACCTAAGCATTTAAAATCCATTGGTCTTCTGTCA
CCCGATTTTCAAGAAGACAATGAAACAGAAAATAAACTTCTGCTCAAAACAAGCACTCACGATTGTTGGGACTCTG
CCATTTACTTACATGTTAGAGAAGTGGAGGTGGATGGTCTTTAAAGGGGAAAATCCCAAAGACCAGTGGATGAAA
AAGTGGTGGGAGATGAAGCGAGAGATAGTTGGGGTGGTGGAACTGTGCCCCATGATGAAACATACTGTGACCC
GCATCTCTGTTCCATGTTTCTAATGATTACTCATTTCATTCGATATTACACAAGGACCTTTACCAATTCAGTTT
CAAGAAGCACTTTGTCAAGCAGCTAAACATGAAGGCCCTCTGCACAAAATGTGACATCTCAAACCTTACAGAAGCT
GGACAGAACTGTTCAATATGCTGAGGCTTGGAAAATCAGAACCCTGGACCCTAGCATTTGGAAAATGTTGTAGGA
GCAAAGAACATGAATGTAAGGCCACTGCTCAACTACTTTGAGCCCTTATTTACCTGGCTGAAAGACCAGAACAAG
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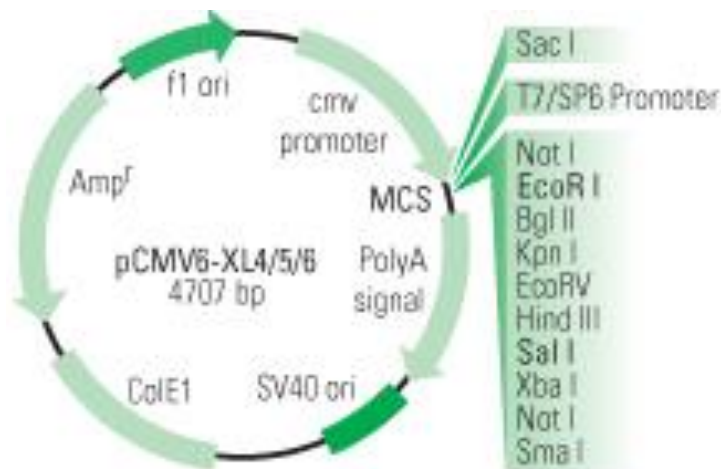
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AATTCTTTTGTGGGATGGAGTACCGACTGGAGTCCATATGCAGACCAAAGCATCAAAGTGAGGATAAGCCTAAAA  
 TCAGCTCTTGGAGATAAAGCATATGAATGGAACGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCT  
 ATGAGGCAGTACTTTTTAAAAGTAAAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTG  
 AAACCAAGAATCTCCTTTAATTTCTTTGTCACTGCACCTAAAAATGTGTCTGATATCAATTCCTAGAACTGAAGTT  
 GAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCGTCTGAATGACAACAGCCTAGAGTTTCTG  
 GGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCCATATGGCTGATTGTTTTTGGAGTTGTGATG  
 GGAGTGATAGTGGTTGGCATTGTTCATCCTGATCTTCACTGGGATCAGAGATCGGAAGAAGAAAAATAAAGCAAGA  
 AGTGGAGAAAATCCTTATGCCTCCATCGATATTAGCAAAGGAGAAAAATAATCCAGGATTCAAAAACACTGATGAT  
 GTTCAGACCTCCTTTTAG

Vector map:



**Product components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials. Every lot of primer is tested to provide clean sequencing of OriGene TrueClones.

**Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, we do not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from.

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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