



## A20

Expressed:

**HA A20 C624A C627A**

Plasmid:

**pCMV-HA-2 A20 C624A C627A**

Parent Plasmid:

**pCMV5 HA2**

DU Number:

**DU32911**

Genbank:

**BC114480**

Species:

**Human**

Synonyms:

Sequence of Insert:

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GCGGCCGCGATGGCTGAACAAGTCCTTCCTCAGGCTTTGTATTTGAGCAA
TATGCGGAAAGCTGTGAAGATACGGGAGAGAACTCCAGAAGACATTTTAA
AACCTACTAATGGGATCATTTCATCATTTTAAAACCATGCACCGATACACA
CTGGAAATGTTTCAGAAGCTTGCCAGTTTTGTCCTCAGTTTCGGGAGATCAT
CCACAAAGCCCTCATCGACAGAAACATCCAGGCCACCCTGGAAAGCCAGA
AGAAACTCAACTGGTGTGCGAGAAGTCCGGAAGCTTGTGGCGCTGAAAACG
AACGGTGACGGCAATTGCCTCATGCATGCCACTTCTCAGTACATGTGGGG
CGTTCAGGACACAGACTTGGTACTGAGGAAGGCGCTGTTTCAGCACGCTCA
AGGAAACAGACACACGCAACTTTAAATTCCGCTGGCAACTGGAGTCTCTC
AAATCTCAGGAATTTGTTGAAACGGGGCTTTGCTATGATACTCGGAACTG
GAATGATGAATGGGACAATCTTATCAAATGGCTTCCACAGACACACCCA
TGGCCCGAAGTGGACTTCAGTACAACACTCACTGGAAGAAATACACATATTT
GTCCTTTGCAACATCCTCAGAAGGCCAATCATTGTCATTTTCAGACAAAAT
GCTAAGAAGTTTGAATCAGGTTCCAATTTGCCCCCTTTGAAAGTGGGTG
GAATTTACTTGCCTCTCCACTGGCCTGCCCAGGAATGCTACAGATACCCC
ATTGTTCTCGGCTATGACAGCCATCATTTTGTACCCTTGGTGACCCTGAA
GGACAGTGGGCTGAAATCCGAGCTGTTCCACTTGTTAACAGAGACCGGG
GAAGATTTGAAGACTTAAAAGTTCACTTTTTGACAGATCCTGAAAATGAG
ATGAAGGAGAAGCTCTTAAAAGAGTACTTAATGGTGATAGAAATCCCCGT
CCAAGGCTGGGACCATGGCACAACACTCATCTCATCAATGCCGCAAAGTTGG
ATGAAGCTAACTTACCAAAGAAATCAATCTGGTAGATGATTACTTTGAA
CTTGTTTCAGCATGAGTACAAGAAATGGCAGGAAAACAGCGAGCAGGGGAG
GAGAGAGGGGCACGCCAGAATCCCATGGAACCTTCCGTGCCCCAGCTTT
CTCTCATGGATGTAAAATGTGAAACGCCCAACTGCCCTTCTTCATGTCT
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GTGAACACCCAGCCTTTATGCCATGAGTGCTCAGAGAGGGCGGCAAAAGAA  
TCAAACAAACTCCCAAAGCTGAACTCCAAGCCGGGCCCTGAGGGGCTCC  
CTGGCATGGCGCTCGGGGCTCTCGGGGAGAAGCCTATGAGCCCTTGCGG  
TGGAACCCTGAGGAGTCCACTGGGGGGCCTCATTGGCCCCACCGACAGC  
ACCCAGCCCTTTTCTGTTCAGTGAGACCACTGCCATGAAGTGCAGGAGCC  
CCGGCTGCCCTTACACTGAATGTGCAGCACACGATTTTGTGAACGT  
TGCCACAACGCCCGGCAACTTACGCCAGCCACGCCCCAGACCACACAAG  
GCACTTGGATCCCGGGAAGTGCCAAGCCTGCCTCCAGGATGTTACCAGGA  
CATTTAATGGGATCTGCAGTACTTGCTTCAAAGGACTACAGCAGAGGCC  
TCCTCCAGCCTCAGCACCAGCCTCCCTCCTTCTGTACCAGCGTTCCAA  
GTCAGATCCCTCGCGGCTCGTCCGGAGCCCTCCCCGCATTCTTGCCACA  
GAGCTGGAAACGACGCCCTGCTGGCTGCCTGTCTCAAGCTGCACGGACT  
CCTGGGGACAGGACGGGGACGAGCAAGTGCAGAAAAGCCGGCTGCGTGTA  
TTTTGGGACTCCAGAAAACAAGGGCTTTGCCACACTGGCTTTCATCGAGT  
ACAGAGAAAACAACATTTTGTGCTGCCTCAGGGAAAGTCAGTCCACA  
GCGTCCAGGTTCCAGAACCATTCCGTGCCTGGGGAGGGAATGCGGGCAC  
CCTTGAAGCACCATGTTTGAAGGATACTGCCAGAAGTGTTTCATTGAAG  
CTCAGAATCAGAGATTTTCATGAGGCCAAAAGGACAGAAGAGCAACTGAGA  
TCGAGCCAGCGCAGAGATGTGCCTCGAACCACACAAAGCACCTCAAGGCC  
CAAGTGCGCCCGGGCCTCCTGCAAGAACATCCTGGCCTGCCGCAGCGAGG  
AGCTCTGCATGGAGTGTGAGCATCCCAACCAGAGGATGGGCCCTGGGGCC  
CACCGGGGTGAGCCTGCCCCGAAGACCCCCCAAGCAGCGTTGCCGGGC  
CCCCGCCTGTGATCATTTTGGCAATGCCAAGTGAACGGCTACTGCAACG  
AATGCTTTCAGTTC AAGCAGATGTATGGCTAAGCGGCCG

Amino Acid Sequence:

MYPYDVPDYAGIPGIPGSTRAAAMAEQVLPQALYLSNMRKAVKIRERTPE  
DIFKPTNGIIHFKTMHRYTLEMFRTCQFCPQFREIIHKALIDRNIQATL  
ESQKKNWCREVRKLVALKTNNGDGNCLMHATSQYMWGVQDSDLVLRKALF  
STLKETDTRNFKFRWQLESLKSQEFVETGLCYDTRNWNDEWDNLIKMAST  
DTPMARSGLQYNSLEEIHFVLCNILRRPIIVISDKMLRSLESGSNFAPL  
KVGGIYLPWHWAQECYRYPVILGYDSHHFVPLVTLKDSGPEIRAVPLVN  
RDRGRFEDLKVHFLTDPENEMKEKLLKEYLMVIEIPVQGWHDGTTHLINA  
AKLDEANLPKEINLVDDYFELVQHEYKKWQENSEQGRREGHAQNPMEPSV  
PQLSLMDVKCETPNCPFFMSVNTQPLCHECSERRQKNQNKLPKLNKPGP  
EGLPGMALGASRGEAYEPLAWNPEESTGGPHSAPPTAPSPFLFSETTAMK  
CRSPGCPFTLNVQHNGFCERCHNARQLHASHAPDHTRHLDPGKCQACLQD  
VTRTFNGICSTCFKRTTAEASSSLSTSLPPSCHQRSKSDPSRLVRSPPH  
SCHRAGNDAPAGCLSQAARTPGDRTGTSKCRKAGCVYFGTPENKGFATLA  
FIEYRENKHFAAASGKVSPTASRFQNTIPCLGRECGTLGSTMFEQYQKC  
FIEAQNQRFHEAKRTEEQRLRSSQRRDVPRTTQSTSRPKCARASCKNILAC  
RSEELCMQCQHPNQRMGPGAHRGEPAPEDPPKQRCRAPACDHFGNAKCNQ  
YCNECFQFKQMYG\*

Antibiotic:

**Amp**

Comments:

**N ter HA for mammalian expression Estimated MW of expressed protein : 91911 Daltons**

Price per aliquot:

**£110.00**