

## 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
CTGGAAATGTTTCAGAACTTGCCAGTTTTGTCCTCAGTTTCGGGAGATCAT
CCACAAAGCCCTCATCGACAGAAACATCCAGGCCACCCTGGAAAGCCAGA
AGAAACTCAACTGGTGTGCGAGAAGTCCGGAAGCTTGTGGCGCTGAAAACG
AACGGTGACGGCAATTGCCTCATGCATGCCACTTCTCAGTACATGTGGGG
CGTTCAGGACACAGACTTGGTACTGAGGAAGGCGCTGTTTCAGCACGCTCA
AGGAAACAGACACACGCAACTTTAAATTCCGCTGGCAACTGGAGTCTCTC
AAATCTCAGGAATTTGTTGAAACGGGGCTTTGCTATGATACTCGGAACTG
GAATGATGAATGGGACAATCTTATCAAAATGGCTTCCACAGACACACCCA
TGGCCCGAAGTGGACTTCAGTACAACACTCACTGGAAGAAATACACATATTT
GTCCTTTGCAACATCCTCAGAAGGCCAATCATTGTCATTTTCAGACAAAAT
GCTAAGAAGTTTGAATCAGGTTCCAATTTGCCCCCTTTGAAAGTGGGTG
GAATTTACTTGCCTCTCCACTGGCCTGCCCAGGAATGCTACAGATACCCC
ATTGTTCTCGGCTATGACAGCCATCATTTTGTACCCTTGGTGACCCTGAA
GGACAGTGGGCTGAAATCCGAGCTGTTCCACTTGTTAACAGAGACCGGG
GAAGATTTGAAGACTTAAAAGTTCACTTTTTGACAGATCCTGAAAATGAG
ATGAAGGAGAAGCTCTTAAAAGAGTACTTAATGGTGATAGAAATCCCCGT
CCAAGGCTGGGACCATGGCACAACACTCATCTCATCAATGCCGCAAAGTTGG
ATGAAGCTAACTTACCAAAGAAATCAATCTGGTAGATGATTACTTTGAA
CTTGTTTCAGCATGAGTACAAGAAATGGCAGGAAAACAGCGAGCAGGGGAG
GAGAGAGGGGCACGCCAGAATCCCATGGAACCTTCCGTGCCCCAGCTTT
CTCTCATGGATGTAAAATGTGAAACGCCCAACTGCCCTTCTTCATGTCT
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GTGAACACCCAGCCTTTATGCCATGAGTGCTCAGAGAGGGCGGCAAAAGAA  
TCAAACAAACTCCCAAAGCTGAACTCCAAGCCGGGCCCTGAGGGGCTCC  
CTGGCATGGCGCTCGGGGCTCTCGGGGAGAAGCCTATGAGCCCTTGCGG  
TGGAACCCTGAGGAGTCCACTGGGGGGCCTCATTGGCCCCACCGACAGC  
ACCCAGCCCTTTTCTGTTCAGTGAGACCACTGCCATGAAGTGCAGGAGCC  
CCGGCTGCCCTTCACACTGAATGTGCAGCACACGATTTTGTGAACGT  
TGCCACAACGCCCGGCAACTTCACGCCAGCCACGCCCCAGACCACACAAG  
GCACTTGGATCCCGGGAAGTGCCAAGCCTGCCTCCAGGATGTTACCAGGA  
CATTTAATGGGATCTGCAGTACTTGCTTCAAAGGACTACAGCAGAGGCC  
TCCTCCAGCCTCAGCACCAGCCTCCCTCCTTCTGTCACCAGCGTTCCAA  
GTCAGATCCCTCGCGGCTCGTCCGGAGCCCCTCCCCGCATTCTTGCCACA  
GAGCTGGAAACGACGCCCTGCTGGCTGCCTGTCTCAAGCTGCACGGACT  
CCTGGGGACAGGACGGGGACGAGCAAGTGCAGAAAAGCCGGCTGCGTGTA  
TTTTGGGACTCCAGAAAACAAGGGCTTTGCCACACTGGCTTTCATCGAGT  
ACAGAGAAAACAACATTTTGTGCTGCCTCAGGGAAAGTCAGTCCCACA  
GCGTCCAGGTTCCAGAACACCATTCCGTGCCTGGGGAGGGAATGCGGGCAC  
CCTTGAAGCACCATGTTTGAAGGATACTGCCAGAAGTGTTCATTGAAG  
CTCAGAATCAGAGATTTTCATGAGGCCAAAAGGACAGAAGAGCAACTGAGA  
TCGAGCCAGCGCAGAGATGTGCCTCGAACCACACAAAGCACCTCAAGGCC  
CAAGTGCGCCCGGGCCTCCTGCAAGAACATCCTGGCCTGCCGCAGCGAGG  
AGCTCTGCATGGAGTGTGAGCATCCAACCAGAGGATGGGCCCTGGGGCC  
CACCGGGGTGAGCCTGCCCCGAAGACCCCCCAAGCAGCGTTGCCGGGC  
CCCCGCCTGTGATCATTTTGGCAATGCCAAGTGAACGGCTACTGCAACG  
AATGCTTTCAGTTCAAGCAGATGTATGGCTAAGCGGCCG

Amino Acid Sequence:

MYPYDVPDYAGIPGIPGSTRAAAMAEQVLPQALYLSNMRKAVKIRERTPE  
DIFKPTNGIIHFKTMHRYTLEMFRTCQFCPQFREIIHKALIDRNIQATL  
ESQKKNWCREVRKLVALKTNNGDGNCLMHATSQYMWGVQDSDLVLRKALF  
STLKETDTRNFKFRWQLESLSKSEQFVETGLCYDTRNWNDEWDNLIKMAST  
DTPMARSGLQYNSLEEIHFVLCNILRRPIIVISDKMLRSLESNSFAPL  
KVGGIYLPWHPAQECYRYPVILGYDSHHFVPLVTLKDSGPEIRAVPLVN  
RDRGRFEDLKVHFLTDPENEMKEKLLKEYLMVIEIPVQGWHDGTTHLINA  
AKLDEANLPKEINLVDDYFELVQHEYKKWQENSEQGRREGHAQNPMEPSV  
PQLSLMDVKCETPNCPFFMSVNTQPLCHECSERRQKNQNKLPKLNKPGP  
EGLPGMALGASRGEAYEPLAWNPEESTGGPHSAPPTAPSPFLFSETTAMK  
CRSPGCPFTLNVQHNGFCERCHNARQLHASHAPDHTRHLDPGKCQACLQD  
VTRTFNGICSTCFKRTTAEASSSLSTSLPPSCHQRSKSDPSRLVRSPPH  
SCHRAGNDAPAGCLSQAARTPGDRTGTSKCRKAGCVYFGTPENKGFATLA  
FIEYRENKHFAAASGKVSPTASRFQNTIPCLGRECGTLGSTMFEQYQKC  
FIEAQNQRFHEAKRTEEQLRSSQRRDVPRTTQSTSRPKCARASCKNILAC  
RSEELCMQCQHPNQRMGPGAHRGEPAPEDPPKQRCRAPACDHFGNAKCNG  
YCNECFQFKQMYG\*

Antibiotic:

**Amp**

Comments:

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

Price per aliquot:

**£110.00**