

A20

Expressed:

MBP A20

Plasmid:

pMalP A20

Parent Plasmid:

pMAL6P

DU Number:

DU35224

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
TCCTCCAGCCTCAGCACCAGCCTCCCTCCTTCTGTCACCAGCGTTCCAA
GTCAGATCCCTCGCGGCTCGTCCGGAGCCCCTCCCCGCATTCTTGCCACA
GAGCTGGAAACGACGCCCTGCTGGCTGCCTGTCTCAAGCTGCACGGACT
CCTGGGGACAGGACGGGGACGAGCAAGTGCAGAAAAGCCGGCTGCGTGTA
TTTTGGGACTCCAGAAAACAAGGGCTTTTGCACTGTGTTTCATCGAGT
ACAGAGAAAACAACATTTTGTGCTGCCTCAGGGAAAGTCAGTCCACA
GCGTCCAGGTTCCAGAACCATTCCGTGCCTGGGGAGGGAATGCGGCAC
CCTTGAAGCACCATGTTTGAAGGATACTGCCAGAAGTGTTCATTGAAG
CTCAGAATCAGAGATTTTATGAGGCCAAAAGGACAGAAGAGCAACTGAGA
TCGAGCCAGCGCAGAGATGTGCCTCGAACCACACAAAGCACCTCAAGGCC
CAAGTGCGCCCGGGCCTCCTGCAAGAACATCCTGGCCTGCCGCAGCGAGG
AGCTCTGCATGGAGTGTGAGCATCCAACCAGAGGATGGGCCCTGGGGCC
CACCGGGGTGAGCCTGCCCCGAAGACCCCCCAAGCAGCGTTGCCGGGC
CCCCGCCTGTGATCATTTTGGCAATGCCAAGTGAACGGCTACTGCAACG
AATGCTTTCAGTTC AAGCAGATGTATGGCTAAGCGGCCG

Amino Acid Sequence:

MKIKTGARILALSALTTMMFSASALAKIEEGKLVWINGDKGYNGLAEVG
KKFEKDTGIKVTVEHPDKLEEKFPQVAATGDGPDIIFWAHDRFGGYAQS
LLAEITPDKAFQDKLYPFTWDVRYNGKLIAYPIAVEALSLIYNKDLLPN
PPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWPLIADGGYAFKYENG
KYDIKDVGVNAGAKAGLTFVLVDLIKHKHMNADTDYSIAEAFNKGETAM
TINGPWAWSNIDTSKVN YGVTVLPTFKGQPSKPFVGVLSAGINAASP
LAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELAKDPRIAATMENA
QKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSNNN
NNNNNLGIEGRISELALVLFQGPWGSPEFPGVDSAAAMAEQVLPQALY
LSNMRKAVKIRERTPEDIFKPTNGIIHFKTMHRYTLEMFRTCQFCPQFR
EIIHKALIDRNIQATLESQKKNWCREVRKLVALKTNGDGNCLMHATSQY
MWGVQDSDLVLRKALFSTLKETDTRNFKFRWQLESLSQEFVETGLCYDT
RNWNDEWDNLIKMASTDTPMARSGLQYNSLEEIHIFVLCNILRRPIIVIS
DKMLRSLESNSFAPLKVGGIYLP LHWPAQECYRYPVLYDSSHFFVPLV
TLKDSGPEIRAVPLVNRDRGRFEDLKVHFLTDPENEMKEKLLKEYLMVIE
IPVQGWHDGTHLINA AKLDEANLPKEINLVDDYFELVQHEYKKWQENSE
QGRREGHAQNPMEPSVQSLMDVKCETPNCPFFMSVNTQPLCHECSERR
QKNQNKLPKLN SKPGPEGLPGMALGASRGEAYEPLAWNPEESTGGPHSAP
PTAPSPFLFSETTAMKCRSPGCPFTLNQVHNGFCERCHNARQLHASHAPD
HTRHLDPGKCAQLQDVTRTFNGICSTCFKRTTAEASSSLSTSLPPSCHQ
RSKSDPSRLVRSPSPHSCHRAGNDAPAGCLSQAARTPGDRTGTSKCRKAG
CVYFGTPENKGFCTLCFIEYRENKHFAAASGKVSPTASRFQNTIPCLGRE
CGTLGSTMFEGYCQKCFIEAQNRQRFHEAKRTEEQLRSSQRDVPRTTQST
SRPKCARASCKNILACRSEELCMECQHPNQRMGPGAHRGEPAPEDPPKQR
CRAPACDHFGNAKCNGYCNCFQFKQMYG*

Antibiotic:

Amp

Comments:

N ter MBP for bacterial expression Estimated MW of expressed protein : 137391 Daltons

Price per aliquot:

£110.00