



## A20

Expressed:

**GST A20**

Plasmid:

**pEBG6P-A20 human**

Parent Plasmid:

**pEBG6P**

DU Number:

**DU15981**

Genbank:

**BC114480**

Species:

**Human**

Synonyms:

Sequence of Insert:

```
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  
CCGGCTGCCCTTACACTGAATGTGCAGCACAAACGGATTTTGTGAACGT  
TGCCACAACGCCCGGCAACTTACGCCAGCCACGCCCCAGACCACACAAG  
GCACTTGGATCCCGGGAAGTGCCAAGCCTGCCTCCAGGATGTTACCAGGA  
CATTTAATGGGATCTGCAGTACTTGCTTCAAAGGACTACAGCAGAGGCC  
TCCTCCAGCCTCAGCACCAGCCTCCCTCCTTCTGTCACCAGCGTTCCAA  
GTCAGATCCCTCGCGGCTCGTCCGGAGCCCTCCCCGCATTCTTGCCACA  
GAGCTGGAAACGACGCCCTGCTGGCTGCCTGTCTCAAGCTGCACGGACT  
CCTGGGGACAGGACGGGGACGAGCAAGTGCAGAAAAGCCGGCTGCGTGTA  
TTTTGGGACTCCAGAAAACAAGGGCTTTTGCACACTGTGTTTCATCGAGT  
ACAGAGAAAACAACATTTTGTGCTGCCTCAGGGAAAGTCAGTCCACA  
GCGTCCAGGTTCCAGAACACCATTCCGTGCCTGGGGAGGGAATGCGGCAC  
CCTTGGGAAGCACCATGTTTGAAGGATACTGCCAGAAGTGTTCATTGAAG  
CTCAGAATCAGAGATTTTCATGAGGCCAAAAGGACAGAAGAGCAACTGAGA  
TCGAGCCAGCGCAGAGATGTGCCTCGAACCACACAAAGCACCTCAAGGCC  
CAAGTGCGCCCGGGCCTCCTGCAAGAACATCCTGGCCTGCCGCAGCGAGG  
AGCTCTGCATGGAGTGTGAGCATCCCAACCAGAGGATGGGCCCTGGGGCC  
CACCGGGGTGAGCCTGCCCCGAAGACCCCCCAAGCAGCGTTGCCGGGC  
CCCCGCCTGTGATCATTTTGGCAATGCCAAGTGCAACGGCTACTGCAACG  
AATGCTTTCAGTTC AAGCAGATGTATGGCTAAGCGGCCG

Amino Acid Sequence:

MAPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGL  
EFPNLPYYIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAEISMLEGAVL  
DIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH  
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPIQIDKYLKSSKYIA  
WPLQGWQATFGGGDHPPKSDLVPRGSLEVLFGQPLGSTSGTIDAAAMAEQ  
VLPQALYLSNMRKAVKIRERTPEDIFKPTNGIIHHFKTMHRYTLEMFRTC  
QFCPQFREIIHKALIDRNIQATLESQKKLNWCREVRKLVALKTNNGDGNCL  
MHATSQYMWGVQDSDLVLRKALFSTLKETDTRNFKFRWQLESLSKQEFVE  
TGLCYDTRNWNDEWDNLKMASTDTPMARSGLQYNSLEEIHIFVLCNILR  
RPIIVISDKMLRSLESGSNFAPLKVGGIYLPHPAQECYRYPIVLGYDS  
HHFVPLVTLKDSGPEIRAVPLVNRDRGRFEDLVHFLTPENEMKEKLLK  
EYLMVIEIPVQGDHGTTHLINAAKLDEANLPKEINLVDDYFELVQHEYK  
KWQENSEQGRREGHAQNPMEPSVPQLSLMDVKCETPNCPFFMSVNTQPLC  
HECSERRQKNQNKLPKLNKPGPEGLPGMALGASRGEAYEPLAWNPEEST  
GGPHSAPPTAPSPFLFSETTAMKCRSPGCPFTLNVQHNGFCERCHNARQL  
HASHAPDHTRHLDPGKCAQLQDVTRTFNGICSTCFKRTTAEASSSLSTS  
LPPSCHQRSKSDPSRLVRSPPHSCHRAGNDAPAGCLSQAARTPGDRTGT  
SKCRKAGCVYFGTPENKGFCTLCFIEYRENKHFAAASGKVSPASRFQNT  
IPCLGRECGTLGSTMFEGYCQKCFIEAQNQRFHEAKRTEEQLRSSQRRDV  
PRTTQSTSRPKCARASCKNILACRSEELCMECQHPNQRMGPGAHRGEPAP  
EDPPKQRCRAPACDHFNGAKCNGYCNECFQFKQMYG\*

Antibiotic:

Amp

Comments:

N ter GST for mammalian expression. Estimated MW of expressed protein : 117816 Daltons

Price per aliquot:  
**£110.00**

