

SARS-CoV2 (2019-nCoV) S protein

Expressed:

MBP 3C SARS-CoV2 (2019-nCoV) S protein

Plasmid:

pMEX3Cb SARS-CoV2 (2019-nCoV) S protein (Custom)

Parent Plasmid:

pMEX3Cb

DU Number:

DU67743

Genbank:

MN908947.3

Species:

SARS-CoV-2

Synonyms:

Sequence of Insert:

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GGATCCATGTTTGTGTTTCTGGTGCTGCTGCCGCTGGTGAGCAGCCAGTGCGTGAACCTGACCA
CCCGCACCCAGCTGCCGCCGGCGTATACCAACAGCTTTACCCGCGGCGTGTATTATCCGGATAA
AGTGTTCGCAGCAGCGTGCTGCATAGCACCCAGGATCTGTTTCTGCCGTTTTTTAGCAACGTGA
CCTGGTTCATGCGATTCATGTGAGCGGCACCAACGGCACCAACGCTTTGATAACCCGGTGCT
GCCGTTTAACGATGGCGTGTATTTTGCAGCACCGAAAAAGCAACATTATTCGCGGCTGGATT
TTTGGCACCACCCTGGATAGCAAAACCCAGAGCCTGCTGATTGTGAACAACGCGACCAACGTG
GTGATTAAGTGTGCGAATTTTCAGTTTTGCAACGATCCGTTTCTGGGCGTGTATTATCATAAAAA
CAACAAAAGCTGGATGGAAAGCGAATTTTCGCGTGTATAGCAGCGGAACAACACTGCACCTTTGAA
TATGTGAGCCAGCCGTTTCTGATGGATCTGGAAGGCAAACAGGGCAACTTTAAAAACCTGCGCG
AATTTGTGTTTAAAAACATTGATGGCTATTTTAAAATTTATAGCAAACATACCCCGATTAACCTGG
TGCGCGATCTGCCGAGGGCTTTAGCGCGCTGGAACCGCTGGTGGATCTGCCGATTGGCATTAA
CATTACCCGCTTTCAGACCCTGCTGGCGCTGCATCGCAGCTATCTGACCCCGGGCGATAGCAGC
AGCGGCTGGACCGCGGGCGCGGGCGGCGTATTATGTGGGCTATCTGCAGCCGCGCACCTTTCTG
CTGAAATATAACGAAAACGGCACCAATTACCGATGCGGTGGATTGCGCGCTGGAcCCGCTGAGC
GAAACCAAATGCACCCTGAAAAGCTTTACCGTGGAAAAAGGCATTTATCAGACCAGCAACTTTC
GCGTGCAGCCGACCGAAAGCATTGTGCGCTTTCCGAACATTACCAACCTGTGCCCGTTTGGCGA
AGTGTTTAACGCGACCCGCTTTGCGAGCGTGTATGCGTGGAACCGCAAACGCATTAGCAACTGC
GTGGCGGATTATAGCGTGCTGTATAACAGCGCGAGCTTTAGCACCTTTAAATGCTATGGCGTGA
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GCCGATGATTTTACCGGCTGCGTGATTGCGTGGAACAGCAACAACCTGGATAGCAAAGTGGG
CGGCAACTATAACTATCTGTATCGCCTGTTTCGCAAAGCAACCTGAAACCGTTTGAACGCGATA
TTAGCACCGAAATTTATCAGGCGGGCAGCACCCCGTGCAACGGCGTGGAAGGCTTTAACTGCTA
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GTGGTGCTGAGCTTTGAACTGCTGCATGCGCCGGCGACCGTGTGCGGCCCGAAAAAAGCACC
AACCTGGTGA AAAACA AATGCGTGA ACTTTAACTTTAACGGCCTGACCGGCACCGGCGTGCTGA
CCGAAAGCAACAAAAAATTTCTGCCGTTTCAGCAGTTTGGCCGCGATATTGCGGATACCACCGA
TGCGGTGCGCGATCCGCAGACCCTGGAAATTCTGGATATTACCCCGTGACGCTTTGGCGGCGTG
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TGCACCGAAGTGCCGGTGGCGATTGATGCGGATCAGCTGACCCCGACCTGGCGCGTGATAGC
ACCGGCAGCAACGTGTTTCAGACCCGCGCGGGCTGCCTGATTGGCGCGGAACATGTGAACAAC
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ACGTGCTGTATGAAAACCAGAACTGATTGCGAACAGTTTAAACAGCGCGATTGGCAAATTCAG
GGATAGCCTGAGCAGCACCGCGAGCGCGCTGGGCAAACCTGCAGGATGTGGTGAACCAGAACG
CGCAGGCGCTGAACACCCTGGTGAACAGCTGAGCAGCAACTTTGGCGCGATTAGCAGCGTGC
TGAACGATATTCTGAGCCGCTGGATAAAGTGAAGCGGAAGTGCAGATTGATCGCCTGATTAC
CGGCCGCTGCAGAGCCTGCAGACCTATGTGACCCAGCAGCTGATTGCGCGCGGCGGAAATTCG
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TGACCCAGCGCAACTTTTATGAACCGCAGATTATTACCACCGATAACACCTTTGTGAGCGGCAA
CTGCGATGTGGTATTGGCATTGTGAACAACACCGTGTATGATCCGCTGCAGCCGGAACCTGGAT
AGCTTTAAAGAAGAAGTGGATAAATATTTTAAAAACCATAACCAGCCCGGATGTGGATCTGGGCG
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GGCGAAAAACCTGAACGAAAGCCTGATTGATCTGCAGGAACTGGGCAAATATGAACAGTATATT
AAATGGCCGTGGTATATTTGGCTGGGCTTTATTGCGGGCCTGATTGCGATTGTGATGGTGACCAT
TATGCTGTGCTGCATGACCAGCTGCTGCAGCTGCCTGAAAGGCTGCTGCAGCTGCGGCAGCTGC
TGCAAATTTGATGAAGATGATAGCGAACC GG TGTGAAAGGCGTGA AACTGCATTATACCTgaGC
GGCCG

Amino Acid Sequence:

MKIEEGKLVWINGDKGYNGLAEVGGKFEKDTGKIVTVEHPDKLEEKFPQVAATGDGPDIIFWAHD
RFGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALS LIYNKDLLPNPKTWEEIPALD
KELKAKGKSALMFNLQEPYFTWPLIAADGGYAFKYENKDYDIKDVGVNDAGAKAGLTFVLDLIK
NHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSA
GINAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELVKDPRIATMENAQKGE
IMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSNNNNNNNNNLGDDDDKVPEFL
EVLVLFQGPLGSMFVFLVLLPLVSSQCVNLTRTQLPPAYTNSFTRGVYYPDKVFRSSVLHSTQ
DLFLPFFSNVTWFHAIHVS GTNGTKRFDNPVLPFNDGVYFASTEKSNIIRGWIFGTTLD
SKTQSLIVN NATNVVIKVCEFCNDPFLGVYYHKNNKSWMESEFRVYSSANNCTFEYVSQ
PFLMDLEGGKQGNFKNLREFVFKNIDGYFKIYSKHTPINLVRDLPQGFSALEPLVDLP
IGINITRFQTLALHRSYLT PGDSSSGWTAGAAAYYVGYLQPRTFLLKYNENGTITDAVDCAL
DPLSETKCTLKSFTVEKGIYQTSNFRVQPTESIVRFPNITNLCPFGEVFNATRFASVYAW
NRKRISNCVADYSVLYNSASFSTFKCYGVSP TKLNDLCFTNVYADSFVIRGDEV RQIAPG
QTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYNLYRLFRKSNLKP FERDISTEIYQAG
STPCN GVEGFNCYFPLQSYGFQPTNGVGYQPYRVVLSFELLHAPATVCGPKKSTNLVKNKCV
NFNFNGLTGTGVLTESNKKFLPFQFGRDIADTTDAVRDPQTLEILDITPCSFGGVSVITPGT
NTSNQVAVLYQDVN

CTEVPVAIHADQLTPTWRVYSTGNSNVFQTRAGCLIGAHEVNNSYECDIPIGAGICASYQTQTNSPRRA
RSVASQSIAYTMSLGAENSVAYSNNISIAIPTNFTISVTTEILPVSMTKTSVDCTMYICGDSTECSNLLLQ
YGSFCTQLNRALTGIAVEQDKNTQEVFAQVKQIYKTPPIKDFGGFNFSQILPDPSKPSKRSFIEDLLFN
KVTLADAGFIKQYGDCLGDIAARDLICAQKFNGLTVLPPLTDEMIAQYTSALLAGTITSGWTFGAGA
ALQIPFAMQMAYRFNGIGVTQNVLYENQKLIANQFNSAIGKIQDLSSTASALGKLQDVVNQNAQALN
TLVKQLSSNFGAISSVLNDILSRLDKVEAEVQIDRLITGRLQSLQTYVTQQLIRAAEIRASANLAATKMS
ECVLGQSKRVDFCGKGYHLMSFPQSAPHGVVFLHVTVVPAQEKNFTTAPAICHGKAHFPREGV FV
SNGTHWFVTQRNFYEPQIITDNTFVSGNCDVVIGIVNNTVYDPLQPELDSFKEELDKYFKNHTSPDVD
LGDISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIKWPWYIWLGFIAGLIAIVMVTIMLCC
MTSCCCLKGCCSCGSCCKFDEDDSEPVLKGVKLHYT*

Antibiotic:

Amp

Comments:

Codon optimised for bacterial expression.

Price per aliquot:

£110.00



University
of Dundee