

Lot Certificate of Analysis

Protein Name: SARS-CoV-2 Spike Wuhan HexaProline soluble Spike

Catalog Number: C19-20399-001

General Information: Expressed in HEK Expi293; Purified by IMAC; Suspended in Phosphate Buffered Saline with 0.1% Azide

Quantity: 100 µg

Buffer: PBSA:
Potassium Dihydrogen Phosphate 0.144g/L, Sodium Chloride 9g/L,
Disodium Phosphate 0.795g/L; 0.1% Azide; pH 7.3-7.5

MW: ~140-180 kDa

Purity: ≥95%

Stability: At least 1 year at -80°C

Storage: -80°C; Avoid Freeze/Thaw Cycles

Sequence: NC_045512.2

MFVFLVLLPLVSSQCVNLTRTQLPPAYTNSFTRGVYYPDKVFRSSVLHSTQDLFLPFFSNVTWFHAI
HVS GTNGTKRFDNPVLPFNDGVYFASTEKSNIRGWIFGTTLD SKTQSL L I V N N A T N V V I K V C E F Q F C
NDPFLGVYYHKNNKSWMESEFRVYSSANNCTFEYVSQPFLMDLEGKQGNFKNLREFVFKNIDGYF
KIYKHTPINLVRDLPQGFSALEPLVDLPIGINITRFQTL LALHRSY L T P G D S S S G W T A G A A A Y Y V G Y L
QPRTFLLKYNENGTITDAVDCALDPLSETKCTLSFTVEKGIYQTSNFRVQPTESIVRFPNITNLCPFGE
VFNATRFASVYAWNRKRISNCVADYSVLYNSASFSTFKCYGVSPTKLNLDLCFTNVYADSFVIRGDEV
RQIAPGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYNYLYR LFRKSNLKPFERDISTEIQ
AGSTPCNGVEGFNCYFPLQSYGFQPTNGVGYQPYRVVLSFELLHAPATVCGPKKSTNLVKNKCVN
FNFNGLTGTGVLTESNKKFLPFQQFGRDIADTTDAVRDPQTLEILDITPCSFGGVSVITPGTNTSNQV
AVLYQDVNCTEVPVAIHADQLTPTWRVYSTGSNVFQTRAGCLIGA EHV N N S Y E C D I P I G A G I C A S Y
QTQTNSPRRARSVASQSIIAYTMSLGAENSVAYSNN S I A I P T N F T I S V T T E I L P V S M T K T S V D C T M Y I C
GDSTECNLLLQYGSFCTQLNRALTGIAVEQDKNTQEVFAQVKQIYKTPPIKDFGGFNFSQILPDPSK
PSKRSFIEDLLFNKVTLADAGFIKQYGDCLGDIAARDLICAQKFNGLTVLPLLLTDEMIAQYTSALLAG
TITSGWTFGAGAALQIPFAMQMAYRFNGIGV T Q N V L Y E N Q K L I A N Q F N S A I G K I Q D S L S S T A S A L G
KLQDVVNQNAQALNTLVKQLSSNFGAISSVLNDILSRLDKVEAEVQIDRLITGRLQSLQTYVTQQLIR
AAEIRASANLAATKMSECVLGQSKRVDFCGKGYHLMSFPQSAPHGVVFLHVTVVPAQEKNFTTAP
AICHDGKAHFPREGVFVSNGTHWFVTQRNFYEPQIITDNTFVSGNCDVVIGIVNNTVYDPLQPEL
DSFKEELDKYFKNHTSPDVLGDISGINASV V N I Q K E I D R L N E V A K N L N E S L I D L Q E L G K Y E Q Y I K W P
WYIWLGFIAGLIAIVMVTIMLCCMTSCCCLKGCCSCGSCCKFDEDDSEPV L K G V K L H Y T