

SARS-CoV-2 (2019-nCoV) Spike Protein,S1, His-Tag (HEK293)

Cat# P0047

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

INFORMATION

DESCRIPTION: The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion.

The recombinant S1 protein of SARS-CoV-2 (2019-nCoV) Spike Protein (S1) consists of 678 amino acids with His-tag in C-terminus.

SOURCE: HEK293 cell

APPEARANCE: Liquid in sterile PBS, pH7.4.

PURITY: Greater than 95.0% as determined by SDS-PAGE.

CONCENTRATION 0.5 mg/ml

AMINO ACID SEQUENCE: QCVNLTRTQLPPAYTNSFTRGVVYPDKVFRSSVLHSTQDLFLPFFSNVTWFHAIHVSGTNGTKRFDN
PVLPFNDGVYFASTEKSNIRGWIFGTTLDSKTQSLLVNNATNVVIVKCEFCNDPFLGVVYHKNNK
SWMESEFRVYSSANNCTFEYVSQPFLMDLEGKQGNFKNLREFVFKNIDGYFKIYSKHTPINLVRDLPO
GFSALEPLVDLPIGINITRFQTLALHRSYLTGDSSSGWTAGAAAYVGYLQPRFTLLKYNENGTITDA
VDCALDPLSETKCTLSFTVEKGIYQTSNFRVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRKRI
SNCVADYSVLYNSASFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEVQRQIAPGQTGKIADYNYKLPD
DFTGCVIAWNSNNLDSKVGNYNYLRLFRKSNLKPFERDISTEIQAGSTPCNGVEGFNCYFPLQSY
GFQPTNGVGYQPYRVVLSFELLHAPATVCGPKKSTNLVKNKCVNFNFNGLTGTGVLTESNKKFLPFQ
QFGRDIADTTDAVRDPQTEILDITPCSFGGVSVITPGTNTSNQVAVLYQDVNCTEVPVAIHADQLTPT
WRVYSTGSNVFQTRAGCLIGAHEVNNNSYECDIPIGAGICASYQTQTNSPRRHHHHHHHHH

PRODUCT USE LIMITATION

These products are intended for research use only.