

PRODUCT INFORMATION

SARS-CoV-2 Spike Protein S1-Subunit (HEK)

Description:

InVivo offers a recombinant form of the Spike protein S1-Subunit from severe acute respiratory syndrome-related coronavirus (SARS-CoV-2), Wuhan-Hu-1-isolate (MN908947), which is produced under serum-free conditions in HEK-INV cells (InVivo proprietary optimized; human embryonic kidney, HEK293 cells).

The construct contains residues 1 to 681 of the SARS-CoV-2 Spike protein (QHD43416.1), representing the S1 subunit of the Spike protein. The protein is equipped with a C-terminal Fc-tag (human IgG1), which is removed during the purification by TEV protease cleavage. The protein is purified using protein G affinity chromatography and preparative SEC (for polishing).

Product-ID:	S1-Subunit_HEK
Expression System:	Mammalian; HEK
Protein Accession Number:	GenBank: QHD43416.1 / UniProt: P0DTC2
Amino Acids:	Met1-Pro681
Mature Protein N-Terminus:	Gln14 (predicted)
Tag:	C-terminal Fc-tag, removed by TEV protease digestion!
Expected Molecular Weight:	75 kDa (<i>glycosylated form runs at 85-120 kDa in gel electrophoresis</i>)
Formulation:	Liquid, 20 mM NaPP, 300 mM NaCl pH 7.2
Concentration:	≥ 0.5 mg/ mL

The product is for research use or for further manufacturing only.

Protein Mass (SDS-Page, under reducing conditions):

