

PRODUCT INFORMATION

SARS-CoV-2 Spike Protein S2-Subunit, Fc-Tag (HEK)

Description:

InVivo offers a recombinant form of the Spike protein S2-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 686 to 1213 of the SARS-CoV-2 Spike protein (QHD43416.1), representing the S2 subunit of the Spike protein. The protein includes a C-terminal Fc-tag (human IgG1) and is purified using protein G affinity chromatography and preparative SEC (for polishing).

Product-ID:	S2-Subunit-Fc_HEK
Expression System:	Mammalian; HEK
Protein Accession Number:	GenBank: QHD43416.1 / UniProt: PODTC2
Amino Acids:	Ser686–Pro1213
Mature Protein N-Term:	Ser686 (predicted)
Tag:	Fc-tag (human IgG1); C-terminal
Expected Molecular Weight:	169 kDa dimeric; 85 kDa monomeric
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.