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32-6267: Coronavirus (COVID-19) Spike Protein (1000-1200 a.a.)

Description

SOURCE Escherichia Coli
PHYSICAL APPEARANCE: Sterile Filtered clear solution
The E.Coli derived recombinant protein contains the Coronavirus 2019 Spike (1000-1200 a.a.) immunodominant regions, fused to His tag at C-terminal. A human infecting coronavirus (viral pneumonia) called 2019 novel coronavirus, 2019-nCoV was found in the fish market at the city of Wuhan, Hubei province of China on December 2019. The 2019-nCoV shares an 87% identity to the 2 bat-derived severe acute respiratory syndrome 2018 SARS-CoV-2 located in Zhoushan of eastern China. 2019-nCoV has an analogous receptor-BD-structure to that of 2018 SARS-CoV, even though there is a.a. diversity so thus the 2019-nCoV might bind to ACE2 receptor protein (angiotensin-converting enzyme 2) in humans. While bats are possibly the host of 2019-nCoV, researchers suspect that animal from the ocean sold at the seafood market was an intermediate host. RSCU analysis proposes that the 2019-nCoV is a recombinant within the viral spike glycoprotein between the bat coronavirus and an unknown coronavirus.

Product Info

Amount :	50µg / 0.25mg
Purification :	CoV 2019 Spike Protein is >90% pure as determined SDS-PAGE.
Content :	CoV 2019 Spike Protein 1mg/ml solution is supplied in 1x PBS.
Storage condition :	Store at -20°C.
Amino Acid :	The E.Coli derived recombinant protein contains the Coronavirus 2019 Spike (1000-1200 a.a.) immunodominant regions, fused to His tag at C-terminal.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.