

2019-nCoV Spike protein S1 (P681H)

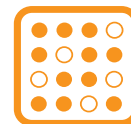
Catalog No: C19S1-G232H

The spike glycoprotein (S) of coronavirus, a type I transmembrane protein containing two subunits, S1 and S2 is known to bind with host cells through the interaction with angiotensin-converting enzyme 2 (ACE2). Of the 14 defined mutations in the UK variant of SARS-CoV-2, also known as VUI-2020/01 or lineage B.1.1.7, P618H mutation in the Spike protein is found adjacent to the furin cleavage site rendering it more suitable for hydrolysis by TMPRSS2 and augmenting the viral fusion. SignalChem's Recombinant 2019-nCoV Spike protein S1 (P681H) (16-685) was expressed in CHO cells using a C-terminal His- tag.

Unique Selling Points



Fully functional Protein



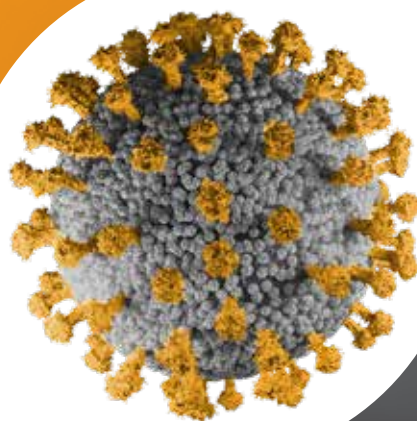
Activity determined by
functional ELISA



Effective for COVID19
research



QC/QA tested



Competitors



Target Customers



Researchers analyzing
P681H Neutralization



Biopharma developing
P681H targeting
therapies



Diagnostic kits R&D



Scientists testing
COVID19 inhibitors



Government
research
organizations