



Recombinant SARS-CoV-2 (2019-nCoV) Spike S1 Protein

The spike (S) glycoprotein of corona viruses contains protrusions that will only bind to certain receptors on the host cell. Known receptors binds S1 are ACE2, DPP4, and APN etc. The spike is essential for both host specificity and viral infectivity. 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. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.

Product Details

Catalog no.	GNGS1-V16R
Molecular weight	76.5kDa
Uniprot ID	P0DTC2-1
Amino acid sequence	V16-Arg-685
Host	HEK cell line
Formulation	1X PBS
Conjugate/ Tag	C- terminus 6 X His tag
Purity	> 95% Purity, purified by Ni NTA and determined by SDS-PAGE
Form	Liquid/ Lyophilized
Storage	Store at -20°C and avoid freeze thaw. Stable for 12 months from the date of receipt if kept at recommended temperature
Suggested working dilution	The optimal concentration should be determined for each specific application.
Research use	For Research Use Only. Not for use in diagnostic procedures.

SDS PAGE Gel image of Spike S1 protein

