

Recombinant 2019 nCoV Spike S

Catalog Number: SYN-C1008

GENERAL INFORMATION

Source:	2019-nCoV Spike S is expressed from a mammalian cell with an Fc tag and Avi at the C-terminal. It contains Gln14-Trp1212.
Accession:	QHD43416.1

QC TESTING

Molecular Weight:	The protein has a predicted MW of 160.7 kDa, same as Bis-Tris PAGE result.
Purity:	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin:	Less than 1EU per ug by the LAL method.

FORMULATION AND STORAGE

Formulation:	0.22 µm filtered solution in PBS
Storage:	The product should be stored at -70°C. Please do not repeat freeze-thaw cycles.

BACKGROUND

Background:	The spike protein (S) of coronavirus (CoV) attaches the virus to its cellular receptor, angiotensin-converting enzyme 2 (ACE2). A defined receptor-binding domain (RBD) on S mediates this interaction. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.
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