

Recombinant SARS-CoV-2 S Protein, His-tagged

Cat. No. S-09S Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant 2019-nCoV S protein RBD Protein is produced by our Mammalian expression system and the target gene encoding Arg319-Phe541(K458R) is expressed with a 6His tag at the C-terminus.
Species	SARS-CoV-2
Source	Human Cells
ProteinLength	319-541 a.a.
Description	The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process. Most notable is severe acute respiratory syndrome (SARS). The severe acute respiratory syndrome-coronavirus (SARS-CoV) spike (S) glycoprotein alone can mediate the membrane fusion required for virus entry and cell fusion. It is also a major immunogen and a target for entry inhibitors. It's been reported that 2019-nCoV can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. The spike protein

Form	Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.
AA Sequence	Arg319-Phe541(K458R)
Endotoxin	NA
Usage	Research Use Only
Shipping	Dry ice/ice packs

GENE INFORMATION

Gene Name	S surface glycoprotein [Severe acute respiratory syndrome coronavirus 2]
Official Symbol	S
Synonyms	2019-nCov RBD Protein; 2019-nCoV Spike RBD Protein
Gene ID	43740568
Protein Refseq	YP_009724390.1
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