

## Recombinant SARS-CoV-2 S Protein, hFc-tagged

Cat. No. S-39S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant SARS-CoV-2 Spike Protein is produced by HEK293. The target gene encoding 319-532 is expressed with a hFc tag at the C terminus.
<b>Species</b>	SARS-CoV-2
<b>Source</b>	HEK293
<b>Description</b>	SARS-CoV-2 Spike Protein (S protein) is a type I transmembrane protein that contains two subunits, S1 and S2. S1 helps recognize the host cell surface receptor with its receptor binding domain (RBD). Whereas S2 assist the membrane fusion of the virion and cellular membranes. Together, the S protein plays a key role in mediating the host infection and inducing the neutralizing-antibody and T-cell responses, as well as protective immunity.
<b>Form</b>	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
<b>AA Sequence</b>	319-532 aa
<b>Endotoxin</b>	Less than 0.1 EU/ug.
<b>Shipping</b>	Ambient

### GENE INFORMATION

**Gene Name** [S surface glycoprotein \[ Severe acute respiratory syndrome coronavirus 2 \]](#)

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<b>Official Symbol</b>	S
<b>Synonyms</b>	Spike Receptor Binding Domain; Spike RBD
<b>Gene ID</b>	43740568
<b>Protein Refseq</b>	YP_009724390.1
<b>UniProt ID</b>	P0DTC2

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