

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

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

SPECIFICATION

Product Overview	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.
Species	SARS-CoV-2
Source	HEK293
Description	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.
Form	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
AA Sequence	319-532 aa
Endotoxin	Less than 0.1 EU/ug.
Shipping	Ambient

GENE INFORMATION

Gene Name	S surface glycoprotein [Severe acute respiratory syndrome coronavirus 2]
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Official Symbol	S
Synonyms	Spike Receptor Binding Domain; Spike RBD
Gene ID	43740568
Protein Refseq	YP_009724390.1
UniProt ID	P0DTC2

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