

Recombinant SARS S Protein, His-Tagged

Cat. No. S-265S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	S (Beijing02) (SARS-CoV) (AY278487, 1 a.a. - 1190 a.a.) partial recombinant protein with His tag expressed in 293 cells.
Species	SARS
Source	HEK293
ProteinLength	1-1190 a.a.
Description	A novel coronavirus has been identified as the causative agent of SARS (Severe Acute Respiratory Syndrome). Coronaviruses are a major cause of upper respiratory diseases in humans. The genomes of these viruses are positive stranded RNA approximately 27 to 31kb in length. SARS infection can be mediated by the binding of the viral spike protein, a glycosylated 139 kDa protein and the major surface antigen of the virus, to the angiotensin converting enzyme 2 (ACE2) on target cells. This binding can be blocked by a soluble form of ACE2.
Form	Liquid
Purity	>= 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.

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Concentration 1 µg/µL

Storage Buffer In PBS (25% glycerol, < 0.1% BSA)

GENE INFORMATION

Gene Name S E2 glycoprotein precursor [Severe acute respiratory syndrome-related coronavirus]

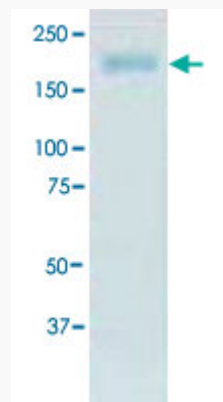
Official Symbol S

Synonyms S; E2 glycoprotein precursor; E2 glycoprotein precursor; spike glycoprotein; As established by Krokhn et al. (2003), the glycosylated spike protein (as well as the nucleocapsid protein) can be detected in infected cell culture supernatants with antisera from SARS patients.

Gene ID 1489668

Protein Refseq NP_828851

Quality Control Testing



SDS-PAGE Result

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