

## 32-6282: SARS Spike Protein (306-527)

**Alternative Name :** SARS Spike Protein (306-527)

### Description

**Source:**HEK293. SARS Coronavirus is an enveloped virus containing three outer structural proteins, namely the membrane (M), envelope (E), and spike (S) proteins. Spike (S)-glycoprotein of the virus interacts with a cellular receptor and mediates membrane fusion to allow viral entry into susceptible target cells. Accordingly, S-protein plays an important role in virus infection cycle and is the primary target of neutralizing antibodies.

### Product Info

<b>Amount :</b>	50 $\frac{1}{4}$ g / 150 $\mu$ g
<b>Purification :</b>	Protein is >90% pure as determined SDS-PAGE.
<b>Content :</b>	SARS Spike S glycoprotein RBD is lyophilized from 1x PBS pH-7.4 + 5% trehalose.
<b>Storage condition :</b>	SARS Spike S1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SARS Spike protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	The HEK293 derived recombinant protein contains the SARS Coronavirus spike S glycoprotein Receptor Binding Domain, amino acids 306-527 fused to His tag at C-terminal.