

## 32-5365: SARS Spike Mosaic S(M) Protein

### Description

Source : The E.Coli derived 38 kDa recombinant mosaic protein contains the middle section of the Spike protein 408-470, 540-573 amino acids immunodominant regions. 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>	100 µg / 0.5 mg
<b>Purification :</b>	SARS Mosaic protein is >95% pure as determined by 10% PAGE (Coomassie staining).
<b>Content :</b>	25mM Tris-HCl, 0.4% sarcosyl, 0.25% Triton -100 and 50% glycerol.
<b>Storage condition :</b>	SARS Mosaic protein is shipped at ambient temperature. Upon arrival, store at -20C.

### Application Note

Immunoreactive with sera of SARS-infected individuals. SARS Mosaic Antigen in ELISA and Western blots, excellent antigen for detection of SARS with minimal specificity problems.