

32-6255: SARS-Envelope Protein

Alternative Name : SARS Envelope, His

Description

Source : Escherichia Coli.

The E.coli derived recombinant protein contains the Envelope protein 1-76 amino acids immunodominant regions fused to 6xHis tag at C-terminal.

SARS Associated Coronavirus Envelope is a small membrane protein that takes major part in the life cycle of the virus. This protein is needed for the assembly, budding, creation of the envelope and pathogenesis. This protein contains 3 outer structural proteins, 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 assure viral entry thetarget cells. Accordingly, S-protein has a major part in virus infection cycle and is the mainly target of neutralizing antibodies.

Product Info

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| Amount : | 50 µg / 0.25 mg |
| Purification : | Protein is >90% pure as determined SDS-PAGE. |
| Content : | SARS Envelope protein solution is supplied in PBS. |
| Storage condition : | Protein is shipped on ice packs. Upon arrival, Store at -20°C. |