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Recombinant SARS-Associated Coronavirus Matrix (aa 182-216)

Catalog No.	CSI13604	**Quantity:**	100 µg

Alternate Names: SARS-ACM

Description: SARS-ACM contains the matrix protein immunodominant regions, amino acids: 182-216.

SARS (Severe Acute Respiratory Syndrome) 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.

Specificity: Immunoreactive with sera of SARS infected individuals.

Source: *E. coli*

Molecular Weight: 30 kDa

Formulation: 50 mM Tris-HCl, 60 mM NaCl and 50% glycerol

Purity: >95% by SDS-PAGE

Purification: SARS-ACM is purified by proprietary chromatographic techniques.

Applications: Recombinant SARS-ACM Antigen may be used in ELISA and Western blots, excellent for detection of SARS with minimal specificity problems.

Storage & Stability: Store at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. **Avoid freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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