

Recombinant SARS-Associated Coronavirus Envelope (aa 1-76)

Catalog No.	CSI13603	Quantity:	100 µg
Description:	SARS-ACE contains the N-terminus Envelope protein immunodominant regions, amino acids: 1-76. 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:	<i>E. coli</i>		
Molecular Weight:	34 kDa		
Formulation:	50 mM Tris-HCl, 60 mM NaCl and 50% glycerol		
Purity:	> 95% by SDS-PAGE		
Purification:	SARS-ACE is purified by proprietary chromatographic techniques.		
Applications:	Recombinant SARS-ACE 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.

