

## Recombinant SARS-Associated Coronavirus Nucleocapsid (aa 1-49, 192-220)

<b>Catalog No.</b>	CSI13607	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	SARS-ACN/3		
<b>Description:</b>	<p>SARS-ACN/3 contains Nucleocapsid protein immunodominant regions, amino acids: 1-49, 192-220.</p> <p>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.</p>		
<b>Specificity:</b>	Immunoreactive with sera of SARS infected individuals.		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	32 kDa		
<b>Formulation:</b>	50 mM Tris-HCl, 60 mM NaCl and 50% glycerol		
<b>Purity:</b>	>95% by SDS-PAGE		
<b>Purification:</b>	SARS-ACN is purified by proprietary chromatographic techniques.		
<b>Applications:</b>	Recombinant SARS-ACN Antigen may be used in ELISA and Western blots, excellent for detection of SARS with minimal specificity problems.		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. <b>Avoid freeze-thaw cycles.</b>		

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