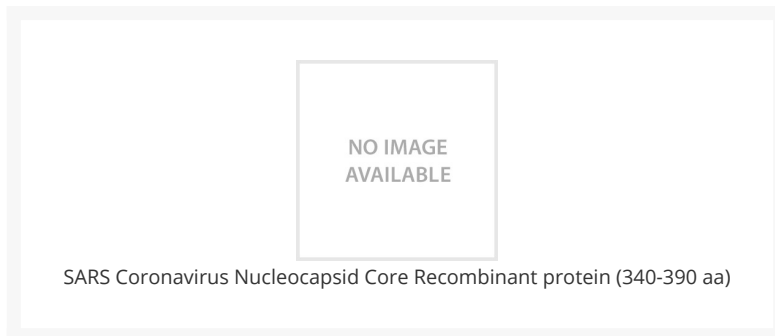




# SARS Coronavirus Nucleocapsid Core Recombinant protein (340-390 aa)

Cat. No.: 39-120



## Ψ Specifications

<b>SPECIES:</b>	SARS
<b>SOURCE SPECIES:</b>	E. coli
<b>SEQUENCE:</b>	The E. coli derived 32kDa recombinant protein contains the Nucleocapsid core protein 340-390 amino acids immunodominant regions.
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	This recombinant protein can be used for WB, ELISA.

## Ψ Properties

<b>PURITY:</b>	>95% pure as determined by 10% PAGE (coomassie staining). Purified by proprietary chromatographic technique.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	50mM Tris-HCl, 60mM NaCl, pH 8 and 50% glycerol.
<b>STORAGE CONDITIONS:</b>	Store in working aliquots at -20° C. Avoid freeze/thaw cycles.

**BACKGROUND:**

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.

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