

Recombinant SARS-Associated Coronavirus Nucleocapsid Protein

Cat. No. Nucleocapsid-769S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The protein contains the Nucleocapsid protein immunodominant fragments, amino acids: 1-49. SARS-ACN is purified by proprietary chromatographic techniques.
Species	SARS-CoV
Source	E.coli
ProteinLength	1-49 a.a.
Description	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. The nucleocapsid (N) protein together with the viral RNA genome presumably form a helical core located within the viral envelope. The SARS-CoV nucleocapsid (N) protein is a 423 amino-acid, predicted phosphoprotein of 46 kDa that shares little homology with other members of the coronavirus family. A short serine-rich stretch, and a putative bipartite nuclear localization signal are unique to it, thus suggesting its involvement in many important functions during the viral life cycle.
Form	50 mM Tris-HCl, 60 mM NaCl and 50% glycerol
Molecular Mass	32 kDa
Purity	> 95 % (SDS-PAGE)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	ELISA; Western Blot
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Storage	Store at -20 centigrade, avoid freeze/thaw cycles.
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GENE INFORMATION

Official Symbol	Nucleocapsid
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Synonyms	Nucleocapsid
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