

## Recombinant SARS N protein

Cat. No. N-262S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The E.Coli derived 35kDa recombinant protein contains Nucleocapsid protein 1-49, 192-220 amino acids immunodominant regions. The 2 regions are separated with 3 glycine residues.
<b>Species</b>	SARS
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-49;192-220 a.a.
<b>Description</b>	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.
<b>Form</b>	50mM Tris-HCl, 60mM NaCl and 50% glycerol.
<b>Molecular Mass</b>	35kDa
<b>Purity</b>	SARS Core protein is >95% pure as determined by 10% PAGE (coomassie staining).
<b>Applications</b>	SARS Core antigen is suitable for ELISA and Western blots, excellent antigen for detection of SARS with minimal specificity problems.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Usage</b>	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
--------------	--

<b>Specificity</b>	SARS Core protein is Immunoreactive with sera of SARS-infected individuals.
--------------------	---

<b>Storage</b>	SARS Core protein is shipped at ambient temperature. Upon arrival, store at -20C.
----------------	---

<b>Shipping</b>	Ice Packs
-----------------	-----------

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">N nucleocapsid protein [ SARS coronavirus ]</a>
------------------	---

<b>Official Symbol</b>	<a href="#">N</a>
------------------------	-------------------

<b>Synonyms</b>	structural protein; N; nucleocapsid protein
-----------------	---

<b>Gene ID</b>	<a href="#">1489678</a>
----------------	-------------------------

<b>Protein Refseq</b>	<a href="#">NP_828858.1</a>
-----------------------	-----------------------------

<b>UniProt ID</b>	<a href="#">P59595</a>
-------------------	------------------------

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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