Recombinant SARS N protein

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

SPECIFICATION

Product Overview	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.
Species	SARS
Source	E.coli
ProteinLength	1-49;192-220 a.a.
Description	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.
Form	50mM Tris-HCl, 60mM NaCl and 50% glycerol.
Molecular Mass	35kDa
Purity	SARS Core protein is >95% pure as determined by 10% PAGE (coomassie staining).
Applications	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 Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Usage	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.
Specificity	SARS Core protein is Immunoreactive with sera of SARS-infected individuals.
Storage	SARS Core protein is shipped at ambient temperature. Upon arrival, store at -20C.
Shipping	Ice Packs

GENE INFORMATION

Gene Name	N nucleocapsid protein [SARS coronavirus]
Official Symbol	N
Synonyms	structural protein; N; nucleocapsid protein
Gene ID	1489678
Protein Refseq	NP_828858.1
UniProt ID	P59595

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