

Recombinant SARS N, His-tagged

Cat. No. N-388S Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human SARS coronavirus (isolate:Tor2) nucleoprotein (NP_828858.1) (Met1-Ala422) was expressed with a C-terminal polyhistidine tag.
Species	SARS
Source	Insect Cells
ProteinLength	Met1-Ala422
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human SARS coronavirus nucleoprotein comprises 433 amino acids and has a predicted molecular mass of 47.5 kDa. The apparent molecular mass of the protein is approximately 47.1 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

 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

GENE INFORMATION

Gene Name	N?nucleocapsid protein [?SARS coronavirus?]
Official Symbol	N
Synonyms	N; nucleocapsid protein; NP_828858.1; As established by Krokhin et al. (2003), the N-terminal methionine is removed, all other methionines are oxidized, and the resulting N-terminal serine is acetylated
Gene ID	1489678
Protein Refseq	NP_828858
UniProt ID	P59595

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