

## Recombinant SARS-CoV N Protein, His-SUMO-tagged(N-ter)

Cat. No. N-332S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant SARS-CoV N Protein with His-SUMO tag (N-ter) was expressed in HEK293.
<b>Species</b>	SARS-CoV
<b>Source</b>	HEK293
<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>	Powder
<b>AA Sequence</b>	MSDNGPQSNQRSAPRITFGGPTDSTDNNQNGGRNGARPKQRRPQGLPNNTASWF TALTQHGKEELRFPARGQGVPIINTNSGPDDQIGYYRRATRRVRGGDGKMKELSPRW YFYYLGTGPEASLPYGANKEGIVVWATEGALNTPKDHIGTRNPNNNAATVLQLPQG TTLPKGFYAEGSRGGSQASSRSSSRSRGNSRNSTPGSSRGNSPARMASGGGETA LALLLLDRLNQLESKVSQKGGQQGQVTTKKSAEASKKPRQKRTATKQYNVTQAF GRRGPEQTQGNFGDQDLIRQGTDYKHWPQIAQFAPSASAFFGMSRIGMEVTPSGT WLTYHGAIKLDDKDPQFKDNVILLNKHIDAYKTFPPTEPKDKKKKTDEAQLPQRQ KKQPTVTLLPAADMDDFSRQLQNSMSGASADSTQA

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<b>Endotoxin</b>	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
<b>Purity</b>	> 98% (by SDS-PAGE)
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	For laboratory research only, not for drug, diagnostic or other use.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
<b>Storage Buffer</b>	PBS (pH 7.4)
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

## GENE INFORMATION

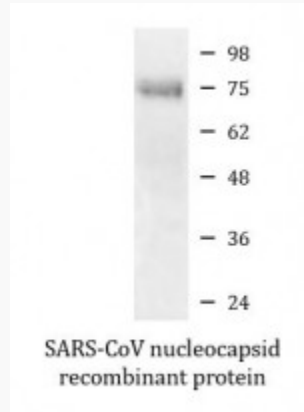
<b>Official Symbol</b>	N
<b>Synonyms</b>	N; nucleocapsid protein; nucleocapsid protein; nucleoprotein

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**SDS-PAGE**



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