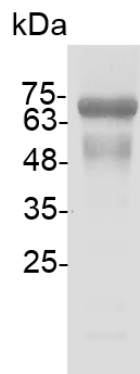


**SARS-CoV Nucleocapsid Protein, His-SUMO tag, HEK293**

v. 230201

<b>Catalog number</b>	C11003-5UG / C11003-20UG / C11003-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	Nucleocapsid protein (NP) packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M. NP also plays an important role in enhancing the efficiency of sub-genomic viral RNA transcription as well as viral replication. This product is composed of a DNA sequence encoding SARS-CoV NP and a polyhistidine-SUMO tag at the N-terminus.
<b>Source</b>	HEK293
<b>Sequence</b>	MSDNGPQSNQRSAPRITFGGPTDSTDNNQNGGRNGARPKQRRPQGLPNNTA SWFTALTQHGKEELRFPRGQGVPIINTNSGPDDQIGYYRRATRRVRGGDGKMK ELSPRWYFYLLGTGPEASLPYGANEGIVWVATEGALNTPKDHIGTRNPNNAA TVLQLPQGTTLPKGFYAEGSRGGSQASSRSSSRGNSRNSTPGSSRGNSPA RMASGGGETALALLLLDRLNQLESKVSQKGGQQQGGQTVTKKSAAEAKKPRQK RTATKQYNVTQAFGRRGPEQTQGNFGDQDLIRQGTDYKHWPQIAQFAPSASA FFGMSRIGMEVTPSGTWLTYHGAIKLDDKDPQFKDNVILLNKHIDAYKTFPPTPEP KKDKKKKTDEAQLRQKKQPTVLLPAADMDDFSRQLQNSMSGASADSTQA with polyhistidine-SUMO tag at the N-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>98% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant SARS-CoV Nucleocapsid Protein

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