

Product datasheet for **TP728104**

SARS-CoV-2 Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant 2019-nCoV N Protein (Truncated)
Species:	SARS-CoV-2
Expression cDNA Clone or AA Sequence:	Leu121-Ala419
Tag:	N-His
Buffer:	Supplied as a 0.2 μ M filtered solution of PBS, pH 7.4.
Note:	Recombinant 2019-nCoV NP (Truncated) is produced by our E.coli expression system with a 6His tag at the N-terminus.
Storage:	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Summary:	Coronavirus N protein is required for coronavirus RNA synthesis, and has RNA chaperone activity that may be involved in template switch. Nucleocapsid protein is a most abundant protein of coronavirus. N protein 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. Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Because of the conservation of N protein sequence and its strong immunogenicity, the N protein of coronavirus is chosen as a diagnostic tool.

[View online »](#)