

Recombinant COVID-19 N protein, His&Flag-tagged

Cat. No. N-1060CFL **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Full Length COVID-19 N protein(YP_009724397.2)(1-419 aa), fused with His and Flag tag, was expressed in HEK293. |
| Species | Sars-CoV-2 |
| Source | HEK293 |
| ProteinLength | 1-419 aa |
| Form | Lyophilized from a 0.2 µm filtered solution in PBS, pH7.4 with 10% glycerin as protectant. |
| Endotoxin | Less than 1.0 EU per µg by the LAL method. |
| Purity | >90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining. |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied; 1 month, 2 to 8 °C under sterile conditions after reconstitution; 3 months, -20 to -70 °C under sterile conditions after reconstitution. |
| Reconstitution | It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. It can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at - |

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20°C.

GENE INFORMATION

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|------------------------|--|
| Gene Name | N nucleocapsid phosphoprotein [Severe acute respiratory syndrome coronavirus 2] |
| Official Symbol | N |
| Synonyms | coronavirus NP Protein, 2019-nCoV; coronavirus Nucleocapsid Protein, 2019-nCoV; coronavirus Nucleoprotein Protein, 2019-nCoV; cov np Protein, 2019-nCoV; nCoV NP Protein, 2019-nCoV; NCP-CoV Nucleocapsid Protein, 2019-nCoV; novel coronavirus NP Protein, 2019-nCoV; novel coronavirus Nucleocapsid Protein, 2019-nCoV; novel coronavirus Nucleoprotein Protein, 2019-nCoV; np Protein, 2019-nCoV; nucleocapsid Protein, 2019-nCoV; Nucleoprotein Protein, 2019-nCoV |
| Gene ID | 43740575 |
| Protein Refseq | YP_009724397.2 |
| UniProt ID | P0DTC9 |

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