

Recombinant COVID 19 N Protein, C-6×His-tagged

Cat. No. N-0035C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant COVID 19 N Protein with a C-6×His tag was expressed in HEK293.
Species	SARS-CoV-2
Source	HEK293
Description	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped, positive-sense, single-stranded RNA virus that causes coronavirus disease 2019 (COVID-19). Virus particles include the RNA genetic material and structural proteins needed for invasion of host cells. Once inside the cell the infecting RNA is used to encode structural proteins that make up virus particles, nonstructural proteins that direct virus assembly, transcription, replication and host control and accessory proteins whose function has not been determined.~ The structural proteins of SARS-CoV-2 include the envelope protein (E), spike or surface glycoprotein (S), membrane protein (M) and the nucleocapsid protein (N). The nucleocapsid phosphoprotein is a structural protein that binds to, protects the viral RNA genome and is involved in packaging the RNA into virus particles. The N protein has been suggested as an antiviral drug target.
Notes	For research use only, not for use in diagnostic procedure.
Storage	Short term (up to 7 days) store at 2–8 centigrade. Long term, store at - 20 centigrade. Avoid multiple freeze/thaw cycles.
Storage Buffer	Supplied as a 0.2

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µm filtered solution of PBS, pH7.4

GENE INFORMATION

Gene Name	N nucleocapsid phosphoprotein [Severe acute respiratory syndrome coronavirus 2]
Official Symbol	N
Synonyms	N; nucleocapsid phosphoprotein; nucleocapsid phosphoprotein; ORF9; structural protein
Gene ID	43740575
Protein Refseq	YP_009724397
UniProt ID	P0DTC9

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