Recombinant HCoV-NL63 N Protein, His-SUMO-tagged(N-ter)

Cat. No. N-254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HCoV-NL63 N Protein with His-SUMO tag (N-ter) was expressed in HEK293.
Species	HCoV-NL63
Source	HEK293
Description	Coronaviruses are named for the crown-like spikes on their surface. There are four main sub-groupings of coronaviruses, known as 229E (alpha coronavirus), NL63 (alpha coronavirus), OC43 (beta coronavirus), HKU1 (beta coronavirus).
Form	Powder
AA Sequence	MASVNWADDRAARKKFPPPSFYMPLLVSSDKAPYRVIPRNLVPIGKGNKDEQIGYW NVQERWRMRRGQRVDLPPKVHFYYLGTGPHKDLKFRQRSDGVVWVAKEGAKTVN TSLGNRKRNQKPLEPKFSIALPPELSVVEFEDRSNNSSRASSRSSTRNNSRDSSRST SRQQSRTRSDSNQSSSDLVAAVTLALKNLGFDNQSKSPSSSGTSTPKKPNKPLSQP RADKPSQLKKPRWKRVPTREENVIQCFGPRDFNHNMGDSDLVQNGVDAKGFPQLA ELIPNQAALFFDSEVSTDEVGDNVQITYTYKMLVAKDNKNLPKFIEQISAFTKPSSIKE MQSQSSHVAQNTVLNASIPESKPLADDDSAIIEIVNEVLH
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 95% (by SDS-PAGE)

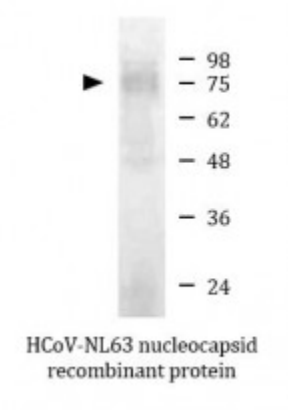
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45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	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.
Storage Buffer	PBS (pH 7.4)
Reconstitution	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

Gene Name	N nucleocapsid protein [Human coronavirus NL63]
Official Symbol	N
Synonyms	N; nucleocapsid protein; nucleocapsid protein; nucleoprotein
Gene ID	2943504
Protein Refseq	YP_003771
UniProt ID	Q6Q1R8

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SDS-PAGE	

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