

Recombinant HCoV-OC43 N Protein, His-tagged(C-ter)

Cat. No. N-245H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HCoV-OC43 N Protein with His tag (C-ter) was expressed in E. coli.
Species	HCoV-OC43
Source	E.coli
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	MSFTPGKQSSSRASSGNRSGNGILKWADQSDQVRNVQTRGRRAPKQTATSQQP SGGNVVPYYSWFSGITQFQKGKEFEFVEGQGPPIAPGVPATEAKGYWYRHNRGSF KTADGNQRQLLPWYFYLLGTGPHAKDQYGTIDIDGVYVWASNQADVNTPADIVDR DPSSDEAIPTRFPPGTVLPQGYIEGSGRSAPNSRSTSRSSRASSAGSRSRANS NRTPTSGVTPDMADQIASLVLA KL GKDATKPQQVTKHTAKEVRQKILNKPRQKRSPN KQCTVQQCFGKRGPNQNFGGGEMKLKLTSDPQFPILAEAPTAGAFFFGSRLELAK VQNLSGNPDEPQKDVYELRYNGAIRFDSTLSGFETIMKVLNENLNAYQQQDGMNN MSPKPQRQRGHKNGQGENDNISVAVPKSRVQQNKSRELTAEDISLLKKMDEPYTE DTSEI
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)

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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.

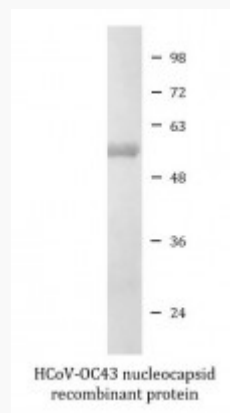
GENE INFORMATION

Gene Name	N I protein;nucleocapsid protein [Human coronavirus OC43]
Official Symbol	N
Synonyms	N; I protein;nucleocapsid protein; internal protein
Gene ID	39105221
Protein Refseq	YP_009555245

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SDS-PAGE

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