

Recombinant HCoV-HKU1(isolate N5) N protein(1-441aa), His-tagged

Cat. No. N-2911V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant HCoV-HKU1(isolate N5) N protein(Q0ZME3)(1-441aa), fused with C-terminal His tag, was expressed in E.coli.
Species	HCoV-HKU1
Source	E.coli
ProteinLength	1-441aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.1 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MSYTPGHHAGSRSSSSGNRSGILKKT SWVDQSERSHQTYNRGRKPQPKFTVSTQPQ
GNPIPHYSWFGITQFQKGRDFKFPDGGQGVPIAYGIPPSEAKGYWYKHNRRSFKTA
DGQQKQLLPRWYFYLLGTGPYASSSYGDAHEGIFWVASHQADTSIPSDVSARDPTI
QEAIPTRFSPGTILPQGYVEGSGRSASNSRPGSRSQSRGPNNRSLRSNSNFRHS
DSIVKPDMADEIASLVLAKLGKDSKPQQVTKQNAKEIRHKILMKPRQKRTPNKFCNV
QQCFGKRGPLQNFNGNSEMLKLG TNDPQFPILAELAPTPGAFFFGSKLELFKRSDA
DSPSKDTFELRYSGSIRFDSTLPGFETIMKVLKENLDAYVNSNQNTVSGSLSPKPQR
KRGVKQSPESFDSLNL SADTQHISNDFTPEDHSLLATLDDPYVEDSVA

SDS-PAGE

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