

Recombinant HCoV-229E N protein(Met1-Asn389), His-tagged

Cat. No. N-2413H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human coronavirus (HCoV-229E) Nucleocapsid (NP_073556.1) (Met1-Asn389) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Species	HCoV
Source	E.coli
ProteinLength	Met1-Asn389
Form	Lyophilized from sterile 40mM PB, 500mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant heterodimer of Human coronavirus (HCoV-229E) Nucleocapsid consists of 396 amino acids and has a calculated molecular mass of 44.43 KDa.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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