

# Recombinant HCoV-OC43 Nucleocapsid Protein

RPES7029

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES7029

**Purity:** > 90 % as determined by reducing SDS-PAGE.

**Contents:** 500µg, 50µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** Subject to label value.

**Species:** HCoV

**Endotoxin:** Please contact us for more information.

**Synonyms:** HCoV-OC43 Nucleocapsid Protein, HCoV-OC43 coronavirus NP Protein, HCoV-OC43 novel coronavirus Nucleoprotein Protein, HCoV-OC43 np Protein

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** N-His

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

**Expression Host:** E.coli

**Bio-Activity:** Not validated for activity

**Calculated MW:** 53.0 kDa

**Formulation:** Supplied as a 0.2 µm filtered solution of 20mM Acetate, 10% Sucrose, 50mM NaCl, 0.05% Tween 80, pH4.5

**Observed MW:** 57 kDa

**Reconstitution:** -

**Accession:** P33469

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Source:** E.coli-derived HCoV HCoV-OC43 Nucleocapsid protein Met1-Ile448, with an N- terminal His

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Sequence:** Met1-Ile448

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.

**Form:** Liquid