

Certificate of Analysis

Name: SARS-CoV-2 NSP14 Methyltransferase, Active

Product Code: REC31937-10 / REC31937-20 / REC31937-50

Batch #:

Date of Manufacture:

Product Description: Recombinant SARS-CoV-2 non-structural protein 14 (NSP14) was expressed in E. coli using a C-terminal His tag.

Expression System: E. coli

Accession: QHD43415

Strain/Isolate: Wuhan-Hu-1

Amino Acids: 5925-6452

Tag: His-tag, C-terminus

Expected Molecular Weight: 60 kDa

Observed Molecular Weight: ~60 kDa

Amount: 0.01 mg / 0.02 mg / 0.05 mg

Concentration: 0.05 mg/ml

Purity: >80%

Presentation: Liquid

Buffer: 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.25mM DTT, 25% glycerol.

Usage Guidelines

Short Term Storage: -80°C

Long Term Storage: -80°C

General Storage Conditions: Aliquot protein into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated handling and multiple freeze-thaw cycles.

Stability: 1 year from date of shipment at -80°C

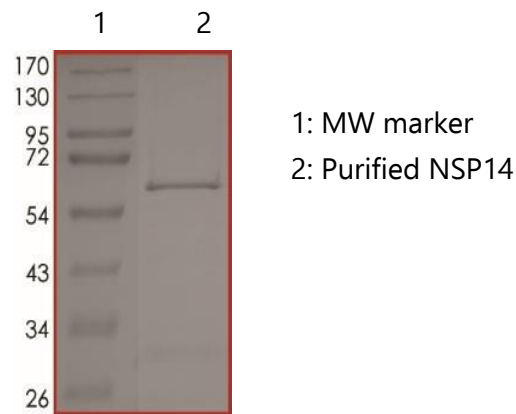


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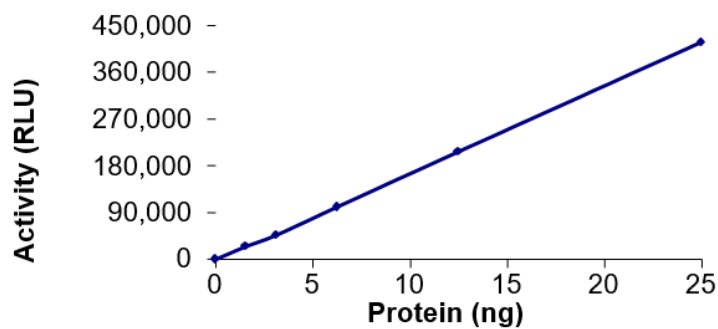
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SDS-PAGE: Representative Coomassie-stained reducing SDS-PAGE showing purified NSP14 methyltransferase.



ELISA: The specific activity of SARS-CoV-2 NSP14 methyltransferase was determined to be 14.1 nmol/min/mg (Methyltransferase-Glo™ Methyltransferase Assay, Promega).



X

QC

X

QA

Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.