

SARS-CoV-2 (2019-nCoV) NSP3-His Recombinant Protein

Catalog Number: 40638-V07E



Sino Biological
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General Information

Gene Name Synonym:

NSP3-CoV

Protein Construction:

A DNA sequence encoding the SARS-CoV-2 (2019-nCoV) NSP3 (YP_009725299.1) (Ile205-Lys379) was expressed with a polyhistidine tag at the N-terminus.

Source: SARS-CoV-2

Expression Host: E. coli

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

Predicted N terminal: Met

Molecular Mass:

The recombinant SARS-CoV-2 (2019-nCoV) NSP3 comprises 182 amino acids and has a calculated molecular mass of 19.87 kDa.

Formulation:

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:

