

SARS-CoV-2 NSP2 Protein (His)

General Information

Synonyms:	SARS-CoV 2 nsp2; SARS-CoV 2 p65 homolog
Protein Construction:	Ala1-Gly638
Species:	SARS-CoV-2
Expression Host:	E. coli
Accession:	YP_009725298.1
Molecular Weight:	80 KDa (reducing condition)
AA Sequence:	Ala1-Gly638

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Formulation:	Supplied as a 0.2 μ m filtered solution of PBS, 10% Glycerol, pH 7.4.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

The positive-stranded RNA genome of the coronaviruses is translated from ORF1 to yield polyproteins that are proteolytically processed into intermediate and mature nonstructural proteins (nsps). SARS-CoV 2 polyproteins incorporate 16 protein domains (nsps). The putative non-structural protein 2 (nsp2) of SARS-CoV plays an important role in viral transcription and replication, and is an attractive target for anti-SARS drug development.

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