

Recombinant 2019-nCoV NSP1 Protein (His Tag)

Catalog No: RPES0004

Category: Recombinant Protein

Sequence Information

Species: Virus

Sequence: Ala1-Gly638

Tags: C-6His

Product Information

Synonyms: SARS-CoV 2 nsp2; SARS-CoV 2 p65 homolog

Source: E.coli

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

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

Formulation: Supplied as a 0.2 µM filtered solution of PBS, 10% Glycerol, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

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.

Background

The positive-stranded RNA genome of the coronaviruses is translated from ORF1 to yield polyproteins that are proteolytically processed into intermediate and mature non-structural proteins (nsps). 2019-nCoV 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.