Recombinant SARS-CoV-2 NSP2 Protein (His Tag)

Catalog No. PKSR030468

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

Description

Synonyms	SARS-CoV 2 nsp2;SARS-CoV 2 p65 homolog
Species	SARS-CoV-2
Expression Host	E.coli
Sequence	Ala1-Gly638
Accession	YP_009725298.1
Calculated Molecular Weight	73.6 kDa
Observed molecular weight	80 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
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.
Formulation	Supplied as a 0.2 μM filtered solution of PBS, 10% Glycerol, pH 7.4.
Reconstitution	Not Applicable

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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