

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

Catalog Number: PKSR030468

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

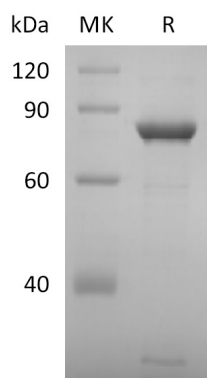
Description

Species	SARS-CoV-2
Source	E.coli-derived SARS-CoV-2 NSP2 protein Ala1-Gly638, with an C-terminal His
Calculated MW	73.6 kDa
Observed MW	80 kDa
Accession	YP_009725298.1
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
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.

Data



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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