

Recombinant SARS-CoV-2 ORF3b protein

Catalog Number:PDEV100002



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

Description

Synonyms	ORF3b protein;ORF3b
Species	SARS-CoV-2
Expression Host	E.coli
Sequence	Met1-Val22
Accession	PODTF1
Calculated Molecular Weight	18.2 kDa
Tag	N-SUMO & C-His

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man
Reconstitution	Please refer to the printed manual for detailed information.

Background

SARS-CoV-2 ORF3b is homologous to SARS-CoV ORF3b, although the proposed protein is much shorter due to the presence of premature stop codons (Probable). Elicits strong specific antibody response (PubMed:32807944).

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