

Recombinant SARS-CoV-2 ORF7a protein

Catalog Number:PKSV030331



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

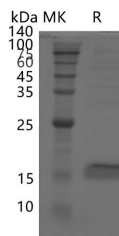
Description

Synonyms	Accessory protein 7a;Protein U122;Protein X4;7a
Species	SARS-CoV-2
Expression Host	E.coli
Sequence	Glu16-Tyr97
Accession	YP_009724395.1
Calculated Molecular Weight	12.1 kDa
Tag	N-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	Supplied as solution form in PBS, pH7.5 or lyophilized from PBS, pH7.5 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 manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

Plays a role as antagonist of host tetherin (BST2), disrupting its antiviral effect. Acts by binding to BST2 thereby interfering with its glycosylation. May suppress small interfering RNA (siRNA). May bind to host ITGAL, thereby playing a role in attachment or modulation of leukocytes.

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