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Datasheet for ABIN7321316
SARS-CoV-2 ORF7a Protein

Overview

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|---------------|---------------------------------|
| Quantity: | 100 µg |
| Target: | SARS-CoV-2 ORF7a |
| Origin: | SARS Coronavirus-2 (SARS-CoV-2) |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |

Product Details

| | |
|------------------------------|---|
| Purpose: | Recombinant SARS-CoV-2 ORF7a protein |
| Sequence: | Glu16-Tyr97 |
| Characteristics: | Recombinant SARS-CoV-2 ORF7a protein is produced by E.coli expression system and the target gene encoding Glu16-Tyr97 is expressed with N-His Tag |
| Purity: | >90 % as determined by SDS-PAGE |
| Biological Activity Comment: | Test in progress |

Target Details

| | |
|--------------|--|
| Target: | SARS-CoV-2 ORF7a |
| Abstract: | SARS-CoV-2 ORF7a Products |
| Target Type: | Viral Protein |
| Background: | 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 |

Target Details

modulation of leukocytes.

Synonym: Accessory protein 7a,Protein U122,Protein X4,7a

Molecular Weight: 12.07kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

Buffer: Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.