

**SARS-CoV-2 ORF7a Peptide (MKIILFLALITLATC)**  
Coronavirus Peptide  
Catalog # VGP1955

## Specification

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### SARS-CoV-2 ORF7a Peptide (MKIILFLALITLATC) - Product Information

|                                 |   |
|---------------------------------|---|
| Sequence                        | MKIILFLALITLATC   |
| <b>Purity</b><br>>90% (HPLC-MS) |   |
| Application                     | Cellular immune response, T-cell expansion, Antigen specific T-cell stimulation, Immune monitoring, T-cell assays |
| Primary Accession               | <a href="#">P0DTC7</a>  |

### SARS-CoV-2 ORF7a Peptide (MKIILFLALITLATC) - Additional Information

|                    |   |
|--------------------|---|
| Gene ID            | 43740573  |
| <b>Other Names</b> | ORF7a protein, Accessory protein 7a, Protein U122, Protein X4 |

#### Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### SARS-CoV-2 ORF7a Peptide (MKIILFLALITLATC) - Images

### SARS-CoV-2 ORF7a Peptide (MKIILFLALITLATC) - Background

SARS-CoV-2 makes accessory proteins that help it infect its human host, replicate and eventually led to human to human transmission. An 81 nucleotide deletion in SARS-CoV-2 ORF7a was recently identified from mutatiopn surveillance of field samples in Arizona. Experiments to understand the functional consequences of the viral mutation with respect to viral replication are underway.