

**SARS-CoV-2 ORF7a Peptide (LKEPCSSGTYEGNSP)**  
Coronavirus Peptide  
Catalog # VGP1958

**Specification**

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**SARS-CoV-2 ORF7a Peptide (LKEPCSSGTYEGNSP) - Product Information**

Sequence	LKEPCSSGTYEGNSP
<b>Purity</b> >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 (LKEPCSSGTYEGNSP) - Additional Information**

Gene ID **43740573**  
**Other Names**  
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 (LKEPCSSGTYEGNSP) - Images**

**SARS-CoV-2 ORF7a Peptide (LKEPCSSGTYEGNSP) - 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.