

SARS-CoV-2 ORF7a Peptide (TLCFTLKRKTE)
Coronavirus Peptide
Catalog # VGP1966

Specification

SARS-CoV-2 ORF7a Peptide (TLCFTLKRKTE) - Product Information

Sequence	TLCFTLKRKTE
Purity	
>90% (HPLC-MS)	
Application	Cellular immune response, T-cell expansion, Antigen specific T-cell stimulation, Immune monitoring, T-cell assays
Primary Accession	<u>P0DTC7</u>

SARS-CoV-2 ORF7a Peptide (TLCFTLKRKTE) - 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 (TLCFTLKRKTE) - Images

SARS-CoV-2 ORF7a Peptide (TLCFTLKRKTE) - 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 mutatatiopn surveillance of field samples in Arizona. Experiments to understand the functional consequences of the viral mutation with respect to viral replication are underway.