

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

Specification

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

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

SARS-CoV-2 ORF7a Peptide (MKIILFLALITLATC) - 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 (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.