

SARS-CoV-2 ORF8 Peptide (IQYIDIGNYTVSCLP)
Coronavirus Peptide
Catalog # VGP1906

Specification

SARS-CoV-2 ORF8 Peptide (IQYIDIGNYTVSCLP) - Product Information

Sequence	IQYIDIGNYTVSCLP
Purity >90% (HPLC-MS)	
Application	Cellular immune response, T-cell expansion, Antigen specific T-cell stimulation, Immune monitoring, T-cell assays
Primary Accession	P0DTC8

SARS-CoV-2 ORF8 Peptide (IQYIDIGNYTVSCLP) - Additional Information

Gene ID	43740577
Other Names	ORF8 protein, Non-structural protein 8, ns8, nsp8

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 ORF8 Peptide (IQYIDIGNYTVSCLP) - Images

SARS-CoV-2 ORF8 Peptide (IQYIDIGNYTVSCLP) - Background

The M protein is a transmembrane glycoprotein composed of a triple membrane domain spanning 80 amino acids accounting for about one-third of the entire protein (221 residues in total). The most abundant structural protein in the SARS-CoV virion, M plays a significant role in the viral budding process, as well as the virus-specific humoral response, indicated by its ability to elicit efficient neutralizing antibodies in SARS patients. It has therefore been proposed that the M protein is a good candidate antigen for a prophylactic vaccine inducing both dominant cellular and humoral immunogenicity.