

SARS-CoV-2 Membrane Protein Peptide (MADSNGTITVEELKK)
Coronavirus Peptide
Catalog # VGP1877**Specification**

SARS-CoV-2 Membrane Protein Peptide (MADSNGTITVEELKK) - Product Information

Sequence	MADSNGTITVEELKK
Purity >90% (HPLC-MS)	
Application	Cellular immune response, T-cell expansion, Antigen specific T-cell stimulation, Immune monitoring, T-cell assays
Primary Accession	P0DTC5

SARS-CoV-2 Membrane Protein Peptide (MADSNGTITVEELKK) - Additional Information

Gene ID	43740571
Other Names	Membrane protein, M protein, E1 glycoprotein, Matrix glycoprotein, Membrane glycoprotein

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 Membrane Protein Peptide (MADSNGTITVEELKK) - Images**SARS-CoV-2 Membrane Protein Peptide (MADSNGTITVEELKK) - 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.