

**SARS-CoV-2 Membrane Protein Peptide (AIAMACLVGLMWLSY)**  
Coronavirus Peptide  
Catalog # VGP1885**Specification**

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**SARS-CoV-2 Membrane Protein Peptide (AIAMACLVGLMWLSY) - Product Information**

Sequence	<b>AIAMACLVGLMWLSY</b>
<b>Purity</b> >90% (HPLC-MS)	
Application	<b>Cellular immune response, T-cell expansion, Antigen specific T-cell stimulation, Immune monitoring, T-cell assays</b>
Primary Accession	<a href="#">P0DTC5</a>

**SARS-CoV-2 Membrane Protein Peptide (AIAMACLVGLMWLSY) - Additional Information**

Gene ID	<b>43740571</b>
<b>Other Names</b>	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 (AIAMACLVGLMWLSY) - Images****SARS-CoV-2 Membrane Protein Peptide (AIAMACLVGLMWLSY) - 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.