

**SARS-CoV-2 Membrane Protein Peptide (LGASQRVAGDSGFAA)**  
Coronavirus Peptide  
Catalog # VGP1895**Specification**

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

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|---------------------------------|--|
| Sequence                        | <b>LGASQRVAGDSGFAA</b>   |
| <b>Purity</b><br>>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 (LGASQRVAGDSGFAA) - 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 (LGASQRVAGDSGFAA) - Images****SARS-CoV-2 Membrane Protein Peptide (LGASQRVAGDSGFAA) - 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.