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SARS-CoV-2 Nucleocapsid Protein Peptide (ESKMSGKGQQQQGQT)

Coronavirus Peptide
Catalog # VGP1934

Specification

SARS-CoV-2 Nucleocapsid Protein Peptide (ESKMSGKGQQQQGQT) - Product Information

Sequence	**ESKMSGKGQQQQGQT**
Purity	
>90% (HPLC-MS)	
Application	**Cellular immune response, T-cell expansion, Antigen specific T-cell stimulation, Immune monitoring, T-cell assays**
Primary Accession	P0DTC9

SARS-CoV-2 Nucleocapsid Protein Peptide (ESKMSGKGQQQQGQT) - Additional Information

Gene ID	**43740575**

Other Names
Nucleoprotein, Nucleocapsid protein, NC, Protein N

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 Nucleocapsid Protein Peptide (ESKMSGKGQQQQGQT) - Images

SARS-CoV-2 Nucleocapsid Protein Peptide (ESKMSGKGQQQQGQT) - Background

SARS-CoV nucleocapsid protein is highly phosphorylated, basic, structural protein that forms a helical ribonucleoprotein complex with viral RNA, to form a comlex that comprises the core structure of the SARS-CoV virion. SARS-CoV NP is though to be involved in key viral life cycle functions including packaging, transcription, and replication, based on established functions of nucleocapside proteins of other coronaviruses. SARS-CoV NP shows intrinsic multimerization and interacts with M protein, suggesting that NP is both critical to formation of the viral nucleocapsid core and participates in virion assembly.