

**Product Data Sheet**

**Product:** Epitope Mapping Peptide Set (EMPS) SARS-CoV-2 (NCAP)

**Product code:** EMPS-WCPV-NCAP-1

**Content:** 21 Matrix Pools according to the matrix indicated in annotations. Each peptide is present in two different pools. 102 individual overlapping peptides spanning the whole antigen.

**Source:** SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2)  
Nucleoprotein

**Protein ID:** PODTC2

**Gene ID:** N

**No. of peptides:** 102 peptides

**Amount:** Approx. 5 µg / peptide as individual peptide and in matrix pools

**Length:** 419 aa

**Sequence:**  
 MSDNGPQNQR NAPRITFGGP SDSTGSNONG ERSGARSKQR RPQGLFNNTA SWFTALTQHG  
 KEDLKFPRGQ GVPINTNSSP DDQIGYYRRA TRRIRGGDGK MKDLSFRWYF YYLGTGPEAG  
 LPYGANKDGI IWVATEGALN TPKDHIGTRN PANNAAIVLQ LPQGTTLPKG FYAEGSRGGS  
 QASSRSSRS RNSSRNSTPG SSRGTSFARM AGNGGDAALA LLLLDRLNQL ESKMSGKGQQ  
 QQGQTVTKKS AAEASKKPRQ KRTATKAYNV TQAFGRRGPE QTQGNFGDQE LIRQGTDYKH  
 WPQIAQFAPS ASAFFGMSRI GMEVTPSGTW LTYTGAIKLD DKDPNFKDQV ILLNKHIDAY  
 KTFPPTEPKK DKKKKADETQ ALPQRQKKQQ TVTLLPAADL DDFSKQLQQS MSSADSTQA

**Purity:** Research Plus Grade: each peptide is guaranteed to be main product (HPLC/MS)

**Remark:** The peptides of this product are supplied as trifluoroacetate salts.

**Storage conditions:** Store at - 20°C

**Application protocol:** <https://jpt.com/support-contact/resources/application-protocols/>

**Use recommended within 6 months**

