

Product Data Sheet

Product:	PepMix SARS-CoV-2 (NCAP B1.1.529 / BA.1 / Omicron)
Product code:	PM-SARS2-NCAPMUT08-1
Source:	SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) (Lineage B.1.1.529, BA.1 Omicron variant) Nucleoprotein - contains mutations: P13L, E31-, R32-, S33-, R203K, G204R
Protein ID:	-
Gene ID:	N
No. of peptides:	102 peptides
Amount:	25 ug (approx. 15 nmol) / peptide for stimulation of $2,5 \times 10^8$ cells
Length:	416 aa
Sequence:	MSDNGPQNQR NALRITFGGP SDSTGSNONG GARSKQRRPQ GLPNNTASWF TALTQHGKED LKFPRGQGVV INTNSSPDDQ IGYRRTARR IRGGDGKMKD LSPRWYFYLL GTGPEAGLPY GANKDGIWV ATEGALNTPK DHIGTRNPAN NAAIVLQLPQ GTTLPKGFYA EGSRGGSQAS SRSSRSRNS SRNSTPGSSK RTSPARMAGN GGDAALALL LDRLNQLESK MSGKGQQQQG QTVTKKSAAE ASKKPRQKRT ATKAYNVTQA FGRRGPEQTQ GNFGDQELIR QGTDYKHWPQ IAQFAPSASA FFGMSRIGME VTPSGTWLTY TGAIKLDDKD PNFKDQVILL NKHIDAYKTF PPTEPKKDKK KKADETQALP QRQKKQQTVT LLPAADLDDF SKQLQQSMSS ADSTQA
Purity:	crude (major peak by LC-MS is guaranteed to be peptide of interest for each peptide)
Appearance:	white to off-white powder
Cytotoxicity:	No cytotoxic effects in resazurin-based cell viability assays with Jurkat cells.
Remark:	The peptides of this product are supplied as freeze-dried trifluoroacetate salts. For research use only.
Storage conditions:	Store at - 20°C
Application protocol:	https://jpt.com/support-contact/resources/application-protocols/

Use recommended within 6 months