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 (15mers with 11 aa overlap)
Amount:	25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10^8 cells)
Length:	416 aa
Sequence:	MSDNGPQNQR NALRITFGGP SDSTGSNQNG GARSKQRRPQ GLPNNTASWF TALTQHGKED LKFPRGQGVP INTNSSPDDQ IGYYRRATRR IRGGDGKMKD LSPRWYFYYL GTGPEAGLPY GANKDGIIWV ATEGALNTPK DHIGTRNPAN NAAIVLQLPQ GTTLPKGFYA EGSRGGSQAS SRSSSRSRNS SRNSTPGSSK RTSPARMAGN GGDAALALLL LDRLNQLESK MSGKGQQQQG QTVTKKSAAE ASKKPRQKRT ATKAYNVTQA FGRRGPEQTQ GNFGDQELIR QGTDYKHWPQ IAQFAPSASA FFGMSRIGME VTPSGTWLTY TGAIKLDDKD PNFKDQVILL NKHIDAYKTF PPTEPKKDKK KKADETQALP QRQKKQQTVT LLPAADLDDF SKQLQQSMSS ADSTQA

Purity:	Research Plus Grade: each peptide is guaranteed to be main product (HPLC/MS)
Appearance:	white to off-white lyophilisate
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