Product Data Sheet

Product:	PepMix SARS-CoV-2 (S-RBD BA.2.86)
Product code:	PM-SARS2-RBDMUT17-1
Source:	SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Lineage BA.2.86 Receptor Binding Domain of Spike Glycoprotein - contains mutation: I332V , G339H, K356T, S371F, S373P, S375F, T376A, R403K, D405N, K417N, N440K, V445H, G446S, N450D, L452W, N460K, S477N, T478K, N481K, V483-, E484K, F486P, Q498R, N501Y and Y505H
Protein ID:	EPI_ISL_18096761, region: 319-541
Gene ID:	S
No. of peptides:	53 peptides (Peptide Scan (15mers with 11 aa overlap))
Amount:	25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10^8 cells)
Length:	222 aa
Sequence:	RVQPTESIVR FPNVTNLCPF HEVFNATRFA SVYAWNRTRI SNCVADYSVL YNFAPFFAFK CYGVSPTKLN DLCFTNVYAD SFVIKGNEVR QIAPGQTGNI ADYNYKLPDD FTGCVIAWNS NKLDSKHSGN YDYWYRLFRK SKLKPFERDI STEIYQAGNK PCKGKGPNCY FPLQSYGFRP TYGVGHQPYR VVVLSFELLH APATVCGPKK STNLVKNKCV NF
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