Product Data Sheet

Product:	PepMix SARS-CoV-2 (S-RBD EG.5.1)
Product code:	PM-SARS2-RBDMUT16-1
Source:	SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Lineage EG.5.1 Receptor Binding Domain of Spike Glycoprotein - contains mutation: G339H, R346T, L368I, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, V445P, G446S, F456L, N460K, S477N, T478K, E484A, F486P, F490S, Q498R, N501Y and Y505
Protein ID:	-
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:	223 aa
Sequence:	RVQPTESIVR FPNITNLCPF HEVFNATTFA SVYAWNRKRI SNCVADYSVI YNFAPFFAFK CYGVSPTKLN DLCFTNVYAD SFVIRGNEVS QIAPGQTGNI ADYNYKLPDD FTGCVIAWNS NKLDSKPSGN YNYLYRLLRK SKLKPFERDI STEIYQAGNK PCNGVAGPNC YSPLQSYGFR PTYGVGHQPY RVVVLSFELL HAPATVCGPK KSTNLVKNKC VNF
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

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JPT Peptide Technologies GmbH is ISO 9001:2015 certified.