

Product Data Sheet

Product:	PepMix SARS-CoV-2 (S-RBD B.1.1.529 / BA.4 & BA.5 / Omicron)
Label name:	PepMix SARS-CoV-2 (S-RBD/BA.4 & 5)
Product code:	PM-SARS2-RBDMUT10-1
Source:	SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2) (Lineage B.1.1.529, BA.4 & 5 Omicron sub-variant)
	Receptor Binding Domain of Spike Glycoprotein - contains mutations: G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452R, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H
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 DEVFNATRFA SVYAWNRRKRI SNCVADYSVL YNFAPFFFAFK CYGVSPTKLN DLCFTNVYAD SFVIRGNEVS QIAPGQTGNI ADYNYKLPDD FTGCVIAWNS NKLDSKVGGN YNYRYRLFRK SNLKPFERDI STEIYQAGNK PCNGVAGVNC YFPLQSYGFR PTYGVGHQPY RVVLSFELL 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