

## Product Data Sheet

<b>Product:</b>	PepMix SARS-CoV-2 (S-RBD BA.2.75)
<b>Label name:</b>	PepMix SARS-CoV-2 (S-RBD BA.2.75)
<b>Product code:</b>	PM-SARS2-RBDMUT11-1
<b>Source:</b>	SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Lineage B.1.1.529, BA.2.75 Omicron sub-variant
	Receptor Binding Domain of Spike Glycoprotein - contains mutation: G339H, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, G446S, N460K, S477N, T478K, E484A, Q498R, N501Y and Y505H
<b>Protein ID:</b>	-
<b>Gene ID:</b>	S
<b>No. of peptides:</b>	53 peptides (Peptide scan (15mers with 11 aa overlap))
<b>Amount:</b>	25 µg (approx. 15 nmol) / peptide (for stimulation of up to $2,5 \times 10^8$ cells)
<b>Length:</b>	223 aa
<b>Sequence:</b>	RVQPTESIVR FPNITNLCPF HEVFNATRFA SVYAWNRRKRI SNCVADYSVL YNFAPFFFAFK CYGVSPTKLN DLCFTNVYAD SFVIRGNEVS QIAPGQTGNI ADYNYKLPDD FTGCVIAWNS NKLDSKVSGN YNYLYRLFRK SKLKPFERDI STEIYQAGNK PCNGVAGFNC YFPLQSYGFR PTYGVGHQPY RVVLSFELL HAPATVCGPK KSTNLVKNKC VNF
<b>Purity:</b>	Research Plus Grade: each peptide is guaranteed to be main product (HPLC/MS)
<b>Appearance:</b>	white to off-white lyophilisate
<b>Cytotoxicity:</b>	No cytotoxic effects in resazurin-based cell viability assays with Jurkat cells.
<b>Remark:</b>	The peptides of this product are supplied as freeze-dried trifluoroacetate salts. For research use only.
<b>Storage conditions:</b>	Store at - 20°C.
<b>Application protocol:</b>	<a href="https://jpt.com/support-contact/resources/application-protocols/">https://jpt.com/support-contact/resources/application-protocols/</a>

**Use recommended within 6 months**