

Product Data Sheet

Product:	PepMix SARS-CoV-2 (Spike BA.2.75)
Label name:	PepMix SARS-CoV-2 (Spike BA.2.75)
Product code:	PM-SARS2-SMUT11-1
Source:	SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2) Lineage B.1.1.529, BA.2.75 Omicron sub-variant Spike glycoprotein - contains mutation: T19I, L24-, P25-, P26-, A27S, G142D, K147E, W152R, F157L, I210V, V213G, G257S, G339H, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, G446S, N460K, S477N, T478K, E484A, Q498R, N501Y, Y505H, D614G, H655Y, N679K, P681H, N764K, D796Y, Q954H and N969K
Protein ID:	-
Gene ID:	S
No. of peptides:	315 peptides - 158+157 (15mers with 11 aa overlap)
Amount:	25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10 ⁸ cells)
Length:	1270 aa
Sequence:	MFVFLVLLPL VSSQCVNLIT RTQSYTNSFT RGVYYPDKVF RSSVLHSTQD LFLPFFSNVT WFHAIHVSGT NGTKRFDNPV LPFNDGVYFA STEKSNIIRG WIFGTTLDSK TQSLIVNNA TNVVIKVECF QFCNDPFLDV YYHENNKS RM ESELRVYSSA NNCTFEYVSQ PFLMDLEGKQ GNFKNLREFV FKNIDGYFKI YSKHTPVNLG RDLPGQFSAL EPLVDLPIGI NITRFQTLA LHRSYLTPGD SSSSWTAGAA AYYVGYLQPR TFLLYKNENG TITDAVDCAL DPLSETKCTL KSFTVEKGIY QTSNFRVQPT ESIVRFPNIT NLCPFHEVFN ATRFASVYAW NRKRISNCVA DYSVLYNFAP FFAFKCYGVS PTKLNDLCFT NVYADSFVIR GNEVSQIAPG QTGNIADYNY KLPDDFTGCV IAWNSNKLDS KVSIGNYNYLY RLFKSKLKP FERDISTEIIY QAGNKPCNGV AGFNCYFPLQ SYGFRPTYGV GHQPYRVVVL SFELLHAPAT VCGPKKSTNL VKNKCVNFNE NGLTGTGVLV ESNKKFLPFQ QFGRDIADTT DAVRDPQTL E ILDITPCSFG GVSVITPGTN TSNQVAVLYQ GVNCTEVPVA IHADQLTPTW RVYSTGSNVF QTRAGCLIGA EYVNNSYECD IPIGAGICAS YQTQTKSHRR ARSVASQSI I AYTMSLGAEN SVAYSNNNSIA IPTNFTISVT TEILPVSMTK TSVDCCTMYIC GDSTECNLL LQYGSFCTQL KRALTGIAVE QDKNTQEVFA QVKQIYKTPP IKYFGGFNFS QILPDPSPKPS KRSFIEDLLF NKVTLADAGF IKQYGDCLGD IAARDLICAQ KFNGLTVLPP LLTDEMIAQY TSALLAGTIT SGWTFGAGAA LQIPFAMQMA YRFNGIGVTQ NVLYENQKLI ANQFNSAIGK IQDSLSTAS ALGKLQDVVN HNAQALNTLV KQLSSKFGAI SSVLNDILSR LDKVEAEVQI DRLITGRLQS LQTYVTQQLI RAAEIRASAN LAATKMSECV LGQSKRVDFC GKGHYLMSFP QSAPHGVVFL HVTYVPAQEK NFTTAPAICH DGKAHFPREG VFVSNGTHWF VTQRNFYEPQ IITDNTFVS GNCDVVIGIV NNTVYDPLQP ELDSFKEELD KYFKNHTSPD VDLGDISGIN ASVVNIQKEI DRLNEVAKNL NESLIDLQEL GKYEQYIKWP WYIWLGFIA G LIAIVMVTIM LCCMTSCCSC LKGCCSCGSC CKFDEDDSEP VLKGVKLLHYT
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