Product Data Sheet

Product:	PepMix SARS-CoV-2 (Spike XBB.1.5)
Label name:	SARS-CoV-2 (Spike XBB.1.5) (>70%)
Product code:	PM-SARS2-SMUT15-2
Source:	SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Lineage B.1.1.529, XBB.1.5 Omicron sub-variant Spike glycoprotein - contains mutation: T19I, L24-, P25-, P26-, A27S, V83A, G142D, Y144-, H146Q, Q183E, V213E, G252V, G339H, R346T, L368I, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, V445P, G446S, N460K, S477N, T478K, E484A, F486P, F490S, Q498R, N501Y, Y505H, D614G, H655Y, N679K, P681H, N764K, D796Y, Q954H, 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:	diverse
Sequence:	MFVFLVLLPL VSSQCVNLIT RTQSYTNSFT RGVYYPDKVF RSSVLHSTQD LFLPFFSNVT WFHAIHVSGT NGTKRFDNPA LPFNDGVYFA STEKSNIIRG WIFGTTLDSK TQSLLIVNNA TNVVIKVCEF QFCNDPFLDV YQKNNKSWME SEFRVYSSAN NCTFEYVSQP FLMDLEGKEG NFKNLREFVF KNIDGYFKIY SKHTPINLER DLPQGFSALE PLVDLPIGIN ITRFQTLLAL HRSYLTPVDS SSGWTAGAAA YYVGYLQPRT FLLKYNENGT ITDAVDCALD PLSETKCTLK SFTVEKGIYQ TSNFRVQPTE SIVRFPNITN LCPFHEVFNA TTFASVYAWN RKRISNCVAD YSVIYNFAPF FAFKCYGVSP TKLNDLCFTN VYADSFVIRG NEVSQIAPGQ TGNIADYNYK LPDDFTGCVI AWNSNKLDSK PSGNYNYLYR LFRKSKLKPF ERDISTEIYQ AGNKPCNGVA GPNCYSPLQS YGFRPTYGVG HQPYRVVVLS FELLHAPATV CGPKKSTNLV KNKCVNFNFN GLTGTGVLTE SNKKFLPFQQ FGRDIADTTD AVRDPQTLEI LDITPCSFGG VSVITPGTNT SNQVAVLYQG VNCTEVPVAI HADQLTPTWR VYSTGSNVFQ TRAGCLIGAE YVNNSYECDI PIGAGICASY QTQTKSHRRA RSVASQSIIA YTMSLGAENS VAYSNNSIAI PTNFTISVTT EILPVSMTKT SVDCTMYICG DSTECSNLLL QYGSFCTQLK RALTGIAVEQ DKNTQEVFAQ VKQIYKTPPI KYFGGFNFSQ ILPDPSKPSK RSFIEDLLFN KVTLADAGFI KQYGDCLGDI AARDLICAQK FNGLTVLPPL LTDEMIAQYT SALLAGTITS GWTFGAGAAL QIPFAMQMAY RFNGIGVTQN VLYENQKLIA NQFNSAIGKI QDSLSSTASA LGKLQDVVNH NAQALNTLVK QLSSKFGAIS SVLNDILSRL DKVEAEVQID RLITGRLQSL QTYVTQQLIR AAEIRASANL AATKMSECVL GQSKRVDFCG KGYHLMSFPQ SAPHGVVFLH VTYVPAQEKN FTTAPAICHD GKAHFPREGV FVSNGTHWFV TQRNFYEPQI ITTDNTFVSG NCDVVIGIVN NTVYDPLQPE LDSFKEELDK YFKNHTSPDV DLGDISGINA SVVNIQKEID RLNEVAKNLN ESLIDLQELG KYEQYIKWPW YIWLGFIAGL IAIVMVTIML CCMTSCCSCL KGCCSCGSCC KFDEDDSEPV LKGVKLHYT
Purity:	Development Grade: each peptide purified to > 70% (HPLC/MS)
Appearance:	white to off-white lyophilisate
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