

Product Data Sheet

Product:	PepMix SARS-CoV-2 (Spike BA.2.86)
Product code:	PM-SARS2-SMUT17-1
Source:	SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Lineage BA.2.86 Spike glycoprotein - contains mutation: ins16MPLF, T19I, R21T, L24-, P25-, P26-, A27S, S50L, H69-, V70-, V127F, G142D, Y144-, F157S, R158G, N211-, L212I, V213G, L216F, H245N, A264D, I332V, G339H, K356T, S371F, S373P, S375F, T376A, R403K, D405N, K417N, N440K, V445H, G446S, N450D, L452W, N460K, S477N, T478K, N481K, V483-, E484K, F486P, Q498R, N501Y, Y505H, A570V, D614G, P621S, H655Y, I670V, N679K, P681R, N764K, D796Y, S939F, Q954H, N969K and P1143L
Protein ID:	EPI_ISL_18096761 (GISAID)
Gene ID:	S
No. of peptides:	315 peptides - 158 + 157 (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:	1269 aa
Sequence:	MFVFLVLLPL VSSQCVMLF NLITTTQSYT NSFTRGVYYP DKVFRSSVLH LTQDLFLPFF SNVTWFHAIS GTNGTKRFDN PVLPFNDGVY FASTEKSNI I RGWIFGTTLD SKTQSLIIVN NATNVFIKVC EFQFCNDPFL DVYHKNNKSW MESESGVYSS ANNCTFEYVS QPFLMDLEGK QGNFKNLREF VFKNIDGYFK IYSKHTPIIG RDFPQGFSAE EPLVDLPIGI NITRFQTLA LNRSYLTPGD SSSGWTAGAA DYYVGYLQPR TFLLYKNENG TITDAVDCAL DPLSETKCTL KSFTVEKGIY QTSNFRVQPT ESIVRFPNVT NLCPFHEVEFN ATRFASVYAW NRTRISNCVA DYSVLYNFAP FFAFKCYGVS PTKLNDLCFT NVYADSFVIK GNEVRQIAPG QTGNIADYNY KLPDDFTGCV IAWNSNKLDS KHSGNYDYWY RLFKRSKLPK FERDISTEYIY QAGNKPKCKGK GPNCYFPLQS YGFRPTYGVG HQPYRVVLS FELLHAPATV CGPKKSTNLV KNKCVNFNFN GLTGTGVLTE SNKKFLPFQQ FGRDIVDTTD AVRDPQTLEI LDITPCSFEGG VSVITPGTNT SNQVAVLYQG VNCTEVSVAI HADQLTPTWR VYSTGSNVFQ TRAGCLIGAE YVNNSEYCDI PIGAGVCASY QTQTKSRRRA RSVASQSI I YTMSLGAENS VAYSNNIAI PTNFTISVTT EILPVSMTKT SVDCTMYICG DSTECSNLLL QYGSFCTQLK RALTGIAVEQ DKNTQEVFAQ VKQIYKTPPI KYFGGFNFSQ ILPDPSKPSK RSFIEDLLFN KVTLDADAGFI KQYGDCLGDI AARDLICAQK FNGLTVLPPL LTDEMIAQYT SALLAGTITS GWTFGAGAAL QIPFAMQMAY RFNGIGVTQN VLYENQKLI A NQFN SAIGKI QDSL FSTASA LGKLQDVVNH NAQALNTLVK QLSSKFGAIS SVLNDILSRL DKVEAEVQID RLITGRLQSL QTYVTQQLIR AAEIRASANL AATKMSECVL GQSKRVDFCG KGYHLMSFPQ SAPHGVVFLH VTYVPAQEK N FTTAPAICH D GKAHFPREGV FVSNGTHWFV TQRNFYEPQI ITTDNTFVSG NCDVVIGIVN NTVYDPLQLE LDSFKEELDK YFKNHTSPDV DLGDISGINA SVVNIQKEID RLNEVAKNLN ESLIDLQELG KYEQYIKWPW YIWLGFIAGL IAIMVMTIML CCMTSCCSCS KGCCSCGSCC KFDEDDSEPV LKGVKLHYT
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