

Product Data Sheet

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| Product: | PepMix SARS-CoV-2 (Spike JN.1) |
| Label name: | SARS-CoV-2 (Spike JN.1) |
| Product code: | PM-SARS2-SMUT21-1 |
| Source: | SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Lineage JN.1 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, L455S, 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: | - |
| 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: | 1269 aa |
| Sequence: | MFVFLVLLPL VSSQCVMPFL NLITTTQSYT NSFTRGVYYP DKVFRSSVLH LTQDLFLPFF SNVTWFHAIS GTNGTKRFDN PVLPFNDGVY FASTEKSNI I RGWIFGTTL D SKTQSLIIVN NATNVFIKVC EFQFCNDPFL DVYHKNNKSW MESESGVYSS ANNCTFEYVS QPFLMDLEGK QGNFKNLREF VFKNIDGYFK IYSKHTPIIG RDFPQGFSAL EPLVDLPIGI NITRFQTLA LNRSYLTPGD SSSGWTAGAA DYYVGYLQPR TFLLYKNENG TITDAVDCAL DPLSETKCTL KSFTVEKGIY QTSNFRVQPT ESIVRFPNVT NLCPFHEVEN ATRFASVYAW NRTRISNCVA DYSVLYNFAP FFAFKCYGVS PTKLNDLCFT NVYADSFVIK GNEVRQIAPG QTGNIADYNY KLPDDFTGCV IAWNSNKLDS KHSGNYDYWY RSFRKSKLKP FERDISTEIIY QAGNKPCCKGK GPNCYFPLQS YGFRPTYGVG HQPYRVVLS FELLHAPATV CGPKKSTNLV KNKCVNFNFN GLTGTGVLTE SNKKFLPFQQ FGRDIVDTTD AVRDPQTLEI LDITPCSF GG VSVITPGTNT SNQVAVLYQG VNCTEVSVAI HADQLTPTWR VYSTGSNVFQ TRAGCLIGAE YVNNSECDI PIGAGVCASY QTQTKSRRRA RSVASQSI IA YTMSLGAENS VAYSNNIAI PTNFTISVTT EILPVSMTKT SVDCTMYICG DSTECSNLLL QYGSFCTQLK RALTGIAVEQ DKNTQEVFAQ VKQIYKTPPI KYFGGFNFSQ ILPDPSKPSK RSFIEDLLFN KVTLADAGFI KQYGDCLGDI AARDLICAQK FNGLTVLPPL LTDEMIAQYT SALLAGTITS GWTFGAGAAL QIPFAMQMAY RFNGIGVTQN VLYENQKLI A NQFNSAIGKI QDSLSTASA 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 CCMTSCCSCL 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