

Product Data Sheet

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| Product: | PepMix SARS-CoV-2 (Spike JG.3) |
| Label name: | SARS-CoV-2 (Spike JG.3) |
| Product code: | PM-SARS2-SMUT20-1 |
| Source: | SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) Lineage JG.3 Spike glycoprotein - contains mutation: T19I, L24-, P25-, P26-, A27S, Q52H, V83A, G142D, Y144-, H146Q, Q183E, V213E, G252V, G339H, R346T, L368I, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, V445P, G446S, L455F, F456L, N460K, S477N, T478K, E484A, F486P, F490S, Q498R, N501Y, Y505H, D614G, H655Y, N679K, P681H, S704L, 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: | 1269 aa |
| Sequence: | MFVFLVLLPL VSSQCVNLIT RTQSYTNSFT RGVYYPDKVF RSSVLHSTHD LFLPFFSNVT WFHAIHVSGT NGTKRFDNPA LPFNDGVYFA STEKSNIIRG WIFGTTLDSK TQSLIVNNA TNVVIKVECF QFCNDPFLDV YQKNNKSWME SEFRVYSSAN NCTFEYVSQP FLMDLEGKEG NFKNLREFVF KNIDGYFKIY SKHTPINLER DLPQGFSALE PLVDLPIGIN ITRFQTLAL HRSYLTPVDS SSGWTAGAAA YYVGYLQPRF FLLKYNENGT ITDAVDCALD PLSEKTKTLK SFTVEKGIYQ TSNFRVQPTF SIVRFPNITN LCPFHEVFNA TTFASVYAWN RKRISNCVAD YSVIYNFAPF FAFKCYGVSP TKLNDLCFTN VYADSFVIRG NEVSQIAPGQ TGNADYNYK LPDDFTGCVI AWNSNKLDSK PSGNYNYLYR FLRKSCLKPF ERDISTEIQY AGNKPCNGVA GPNCYSPLQS YGFRPTYGVG HQPYRVVLS FELLHAPATV CGPKKSTNLV KNKCVNFNEN GLTGTGVLTE SNKKFLPFQQ FGRDIADTTD AVRDPQTLFI LDITPCSFSG VSVITPGTNT SNQVAVLYQG VNCTEVPVAI HADQLTPTWR VYSTGSNVFQ TRAGCLIGAE YVNNSEYCDI PIGAGICASY QTQTKSHRRA RSVASQSIIA YTMSLGAENL VAYSNNIAI PTNFTISVTT EILPVSMTKT SVDCTMYICG DSTECSNLLL QYGSFCTQLK RALTGIAVEQ DKNTQEVFAQ VKQIYKTPPI KYFGGFNFSQ ILPDPSKPSK RSFIEDLLFN KVTLADAGFI KQYGDCLGDI AARDLICAQK FNGLTVLPPL LTDEMIAQYT SALLAGTITS GWTFGAGAAL QIPFAMQMAY RFNGIGVTQN VLYENQKLIQ NQFNQSAIGKI QDSLSTASA LGKLQDVVNH NAQALNTLVK QLSSKFGAIS SVLNDILSRL DKVEAEVQID RLITGRLQSL QTYVTQQLIR AAEIRASANL AATKMSECVL GQSKRVDFCG KGYHLMSFPQ SAPHGVVFLH VTYVPAQEKV FTTAPAICHV GKAHFPREGV FVSNGTHWV TQRNFYEPQI ITDNTFVSG NCDVVIGIVN NTVYDPLQPE LDSFKEELDK YFKNHTSPDV DLGDISGINA SVVNIQKEID RLNEVAKNLN ESLIDLQELG KYEQYIKWPW YIWLGFIAGL IAIMVMTIML CCMTSCCSCS KGCSCGSCC 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

