

Product Data Sheet

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| Product: | PepMix SARS-CoV-2 (Spike B.1.1.529 / BA.1 / Omicron) |
| Product code: | PM-SARS2-SMUT08-1 |
| Source: | SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2) (Lineage B.1.1.529, BA.1 Omicron variant) Spike glycoprotein - contains mutations A0067V, H0069-, V0070-, T0095I, G0142D, V0143-, Y0144-, Y0145-, N0211I, L0212V, V0213R, R0214EPE, G0339D, S0371L, S0373P, S0375F, K0417N, N0440K, G0446S, S0477N, T0478K, E0484A, Q0493R, G0496S, Q0498R, N0501Y, Y0505H, T0547K, D0614G, H0655Y, N0679K, P0681H, N0764K, D0796Y, N0856K, Q0954H, N0969K, L0981F |
| Protein ID: | n.a. |
| 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 VSSQCVNLTT RTQLPPAYTN SFTRGVYYPD KVFRSSVLHS TQDLFLPFFS NVTWFHVISG TNGTKRFDNP VLPFNDGVYF ASIEKSNIIR GWIFGTTLDS KTQSLIVNN ATNVVIKUCE FQFCNDPFLD HKNNKSWMES EFRVYSSANN CTFEYVSQPF LMDLEGKQGN FKNLREFVFK NIDGYFKIYS KHTPIIVREP EDLPQGFSAL EPLVDLPIGI NITRFQTLA LHRSYLTPGD SSSGWTAGAA AYYVGYLQPR TFLLYKYNENG TITDAVDCAL DPLSETKCTL KSFTVEKGIY QTSNFRVQPT ESIVRFPNIT NLCPFDEVFN ATRFASVYAW NRKRISNCVA DYSVLYNLAP FFTFKCYGVS PTKLNDLCFT NVYADSFVIR GDEVQRQIAPG QTGNIADYNY KLPDDFTGCV IAWNSNKLDS KVSGNYNYLY RLFKSNLKP FERDISTEIIY QAGNKPCNGV AGFNCYFPLR SYSFRPTYGV GHQPYRVVVL SFELLHAPAT VCGPKKSTNL VKNKCVNFNF NGLKGTGVLV ESNKKFLPFQ QFGRDIADTT DAVRDPQTL ILDTPCSFV GVSVITPGTN TSNQVAVLYQ GVNCTEVPVA IHADQLTPTW RYVSTGSNVF QTRAGCLIGA EYVNSYECED IPIGAGICAS YQTQTKSHRR ARSVASQSII AYTMISLGAEN SVAYSNSNSIA IPTNFTISVT TEILPVSMTK TSVDCTMYIC GDSTECSNLL LQYGSFCTQL KRALTGIAVE QDKNTQEVFA QVKQIYKTPP IKYFGGFNFS QILPDPSPKPS KRSFIEDLLF NKVTLADAGF IKQYGDCLGD IAARDLICAQ KFKGLTVLPP LLTDEMIAQY TSALLAGTIT SGWTFGAGAA LQIPFAMQMA YRFNGIGVTQ NVLYENQKLI ANQFNSAIGK IQDSLSTAS ALGKLQDVVN HNAQALNTLV KQLSSKFGAI SSVLNDIFSR LDKVEAEVQI DRLITGRLQS LQTYVTQQLI RAAEIRASAN LAATKMSECV LGQSKRVDFC GKGYHLMSFP QSAPHGTVVFL HVTYVPAQEK NFFTAPAICH DGKAHFPRG VFVSNQTHWF VTQRNFYEPQ IITTDNTFVS GNCDVVIGIV NNTVYDPLQP ELDSFKEELD KYFKNHTSPD VDLGDISGIN ASVVNIQKEI DRLNEVAKNL NESLIDLQEL GKYEQYIKWP WYIWLGFIAQ LIAIVMVTIM LCCMTSCCSC LKGCCSCGSC CKFDEDDSEP VLKGVKLHYT |

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| 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