

Product Data Sheet

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 10⁸ cells)
Length: 1270 aa

Sequence:

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MFVFLVLLPL VSSQCVNLTT RTQLPPAYTN SFTRGVVYYPD KVFRSSVLHS TQDLFLPFFS
NVWTFHVISG TNGTKRFDNP VLPFNDGVYF ASIEKSNIIR GWIFGTTLDS KTQSLIVNN
ATNVVIKVEE FQFCNDPFLD HKNNKSWMES EFRVYSSANN CTFEYVSQPF LMDLEGKQGN
FKNLREFVFK NIDGYFKIYS KHTPIIVREP EDLPQGFSAL EPLVDLPIGI NITRFQTLA
LHRSYLTPGD SSSGWTAGAA AYYVGYLQPR TFLLLKYNEG TITDAVDCAL DPLSETKCTL
KSFTVEKGIY QTSNFRVQPT ESIVRFPNIT NLCPFDEVFN ATRFASVYAW NRKRISNCVA
DYSVLYNLAP FFTFKCYGVS PTKLNDLCFT NVYADSFVIR GDEVVQIAPG QTGNIADYNY
KLPDDFTGCV IAWNSNKLDS KVSGNYNYLY RLFKRSNLKP FERDISTEYI QAGNKPCNGV
AGFNCYFPLR SYSFRPTYGV GHQPYRVVVL SFELLHAPAT VCGPKKSTNL VKNKCVNFNE
NGLKGTGVLV ESNKKFLPFQ QFGRDIADTT DAVRDPQTL EILDITPCSFG GVSVITPGTN
TSNQVAVLYQ GVNCTEVPVA IHADQLTPTW RVYSTGSNVF QTRAGCLIGA EYVNNSEYED
IPIGAGICAS YQTQTKSHRR ARSVASQSII AYTMSLGAEN SVAYSNNNSIA IPTNFTISVT
TEILPVSMTK TSVDCCTMYIC GDSTECNLL LQYGSFCTQL KRALTGIAVE QDKNTQEVFA
QVKQIYKTPP IKYFGGFNFS QILPDPSKPS KRSFIEDLLF NKVTLADAGF IKQYGDCLGD
IAARDLICAQ KFKGLTVLPP LLTDEMIQY TSALLAGTIT SGWTFGAGAA LQIPFAMQMA
YRENGIGVTQ NVLYENQKLI ANQFNSAIGK IQDLSLSTAS ALGKLQDVVN HNAQALNTLV
KQLSSKFGAI SSVLNDIFSR LDKVEAEVQI DRLITGRLQS LQTYVTQQLI RAAEIRASAN
LAATKMSECV LGQSKRVDFC GKGYHLMSFP QSAPHGVVFL HVTYVPAQEK NFTTAPAICH
DGKAHFPPREG VFVSNTHWF VTQRNFYEPQ IITDNTFVS GNCDVVIGIV NNTVYDPLQP
ELDSFKEELD KYFKNHTSPD VDLDISGIN ASVNNIQKEI DRLNEVAKNL NESLIDLQEL
GKYEQYIKWP WYIWLGFAPG LIAIVMVTIM LCCMTSCCSC LKGCCSCGSC CKFDEDDSEF
VLKGVKLHHT
  
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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

