

## Product Data Sheet

**Product:** PepMix SARS-CoV-2 (Spike B.1.1.529 / BA.1 / Omicron)  
**Product code:** PM-SARS2-SMUT08-2  
**Source:** SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2)  
 (Lineage B.1.1.529 / Omicron)  
 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<sup>8</sup> cells)  
**Length:** 1270 aa

**Sequence:**

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MFVFLVLLPL VSSQCVNLTT RTQLPPAYTN SFTRGVYYPD KVFRSSVLHS TQDLFLPFFS
NVTWFHVISG TNGTKRFDNP VLPFNDGVYF ASIEKSNIIR GWIFGTTLDS KTQSLIVNN
ATNVVIKVCE FQFCNDPFLD HKNKSWMES EFRVYSSANN CTFEYVSQPF LMDLEGKQGN
FKNLREFVFK NIDGYFKIYS KHTPIIVREP EDLPQGFSAL EPLVDLPIGI NITRFQTLA
LHRSYLTGPD SSSGWTAGAA AYYVGYLQPR TFLKYNENG TITDAVDCAL DPLSETKCTL
KSFTVEKGIY QTSNFRVQPT ESIVRFPNIT NLCPPDEVFN ATRFASVYAW NRKRISNCVA
DYSVLYNLAP FFFFKCYGVS PTKLNDLCFT NVYADSFVIR GDEVRFIAPG QTGNADYNY
KLPDDFTGCV IAWNSNKLDS KVSGNYNYLY RLFKRSNLKP FERDISTEYI QAGNKPCNGV
AGFNCYFPLR SYSFRPTYGV GHQPYRVVVL SFELLHAPAT VCGPKKSTNL VKNKCVNFNF
NGLKGTGVL T ESNKKFLPFQ QFGRDIADTT DAVRDPQTL E ILDITPCSFG GVSITPGTN
TSNQAVLYQ GVNCTEVPVA IHADQLTPTW RVYSTGSNVF QTRAGCLIGA EYVNNSEYED
IPIGAGICAS YQTQTKSHRR ARSVASQSI AYTMSLGAEN SVAYSNNNSIA IPTNFTISVT
TEILPVSMTK TSVDCCTMYIC GDSTECNLL LQYGSFCTQL KRALTGIAVE QDKNTQEVFA
QVKQIYKTPP IKYFGGFNFS QILPDPKPS KRSFIEDLLF NKVTLADAGF IKQYGDCLGD
IAARDLICAQ KFKGLTVLPP LLTDEMIQY TSALLAGTIT SGWTFGAGAA LQIPFAMQMA
YRFNGIGVTQ NVLYENQKLI ANQFNSAIGK IQDLSSTAS ALGKLQDVVN HNAQALNTLV
KQLSSKFGAI SSVLNDIFSR LDKVEAEVQI DRLITGRLQS LQTYVTQQLI RAAEIRASAN
LAATKMSECV LGQSKRVDFC GKGYHLSFP QSAPHGVVFL HVTYVPAQEK NFTTAPAICH
DGKAHFPREG VFVSNGTWHF VTQRNFYEPQ IITDNTFVS GNCDVVIGIV NNTVYDPLQP
ELDSFKEELD KYFKNHTSPD VDLGDISGIN ASVVNIQKEI DRLNEVAKNL NESLIDLQEL
GKYEQYIKWP WYIWLGFIA G LIAIVMVTIM LCCMTSCCSC LKGCCSCGSC CKFDEDDSEP
VLKGVKLHYT
  
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**Purity:** Development Grade: each peptide purified to > 70% (HPLC/MS)  
**Appearance:** white to off-white lyophilisate  
**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**