

## Product Data Sheet

**Product:** PepMix SARS-CoV-2 (Spike C.37 / Lambda)  
**Product code:** PM-SARS2-SMUT07-1  
**Source:** SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2)  
 (Lineage C.37, Lambda variant)  
 Spike glycoprotein - contains mutations G0075V, T0076I, R0246-, S0247-, Y0248-, L0249-, T0250-, P0251-, G0252-, D253N, L0452Q, F0490S, D0614G, T0895N

**Protein ID:** n.a.

**Gene ID:** S

**No. of peptides:** 314 peptides - 157+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:** 1266 aa

**Sequence:**

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MFVFLVLLPL VSSQCVNLTT RTQLPPAYTN SFTRGVVYYPD KVFRSSVLHS TQDLFLPFFS
NVTWFHAIHV SGTNVIKRFD NPVLPFNDGV YFASTEKSNI IRGWIFGTTL DSKTQSLLIIV
NNATNVVIKV CEFQFCNDPF LGVYYHKNNK SWMESEFRVY SSANNCTFEY VSQPFLMDLE
GKQGNFKNLR EFVFKNIDGY FKIYSKHTPI NLVRDLPQGF SALEPLVDLP IGINITRFQT
LLALHNSSSG WTAGAAAYV GYLQPRTFLL KYNENGTITD AVDCALDPLS ETKCTLKSFT
VEKGIYQTSN FRVQPTESIV RFPNITNLCP FGEVFNATRF ASVYAWNRKR ISNCVADYSV
LYNSASFSTF KCYGVSPTKL NDLCFTNVYA DSFVIRGDEV RQIAPGQTGK IADYNYKLPD
DFTGCVIAWN SNNLDSKVG G NYNYQYRLFR KSNLKPFERD ISTEIYQAGS TPCNGVEGFN
CYSPLQSYGF QPTNGVGYQP YRVVLSFEL LHAPATVCGP KKSTNLVKNK CVNFNFNGLT
GTGVLTESNK KFLPFQQFGR DIADTTDAVR DPQTLILD I TPCSFGGVSV ITPGTNTSNQ
VAVLYQGVNC TEVPVAIHAD QLTPTWRVYS TGSNVFQTRA GCLIGAEHVN NSYECDIPIG
AGICASYQTQ TNSPRRARSV ASQSI IAYTM SLGAENSVAY SNNIAIPTN FTISVTEIL
PVSMTKTSVD CTMYICGDST ECSNLLQYG SFCTQLNRAL TGIAVEQDKN TQEVFAQVKQ
IYKTPPIKDF GGFNFSQILP DPSKPSKRSF IEDLLFNKVT LADAGFIKQY GDCLDGIAAR
DLICAQKENG LNVLPPLLD EMI AQYTSAL LAGTITSGWT FGAGALQIP FAMQMAYRFN
GIGVTQNVLY ENQKLIANQF NSAIGKIQDS LSSTASALGK LQDVVNQNAQ ALNLTLVKQLS
SNFGAISVNL NDILSRLDKV EAEVQIDRLI TGRQLSLQTY VTQQLIRAAE IRASANLAAT
KMSECVLGQS KRVDFCGKGY HLMSFPQSAP HGVVFLHVTY VPAQEKNF TT APAICHDGKA
HFPREGVFSV NGTHWFVTQR NFEYEQIITT DNTFVSGNCD VVIGIVNNTV YDPLQPELDS
FKEELDKYFK NHTSPDVLG DISGINASV NIQKEIDRLN EVAKNLNESL IDLQELGKYE
QYIKWPWYIW LGFIAGLIAI VMVTIMLCCM TSCCCLKGC CSCGSCCKFD EDDSEPVKLG
VKLHYT
  
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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**