

Product Data Sheet

Product: PepMix™ SARS-CoV-2 (Spike B.1.617.1)
Product code: PM-SARS2-SMUT05-1
Source: SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2)
 (Lineage B.1.617.1, Kappa Variant)
 Spike glycoprotein - Kappa Variant

Protein ID: n.a.
Gene ID: S
No. of peptides: 315 peptides - 158+157
Amount: 25 ug (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10⁸ cells)

Length: 1273 aa

Sequence:

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MFVFLVLLPL VSSQCVNLTT RTQLPPAYTN SFTRGVVYPD KVFSSVLHS TQDLFLPFFS
NVTWFHAIHV SGTNGTKRFD NPVLPFNDGV YFASIEKSNI IRGWIFGTTL DSKTQSLIIV
NNAATNVVIKV CEFQFCNDPF LDVYYHKNNK SWMKSEFRVY SSANNCTFEY VSQPFLMDLE
GKQGNFKNLR EFVFNIDGY FKIYSKHTPI NLVRDLPPQGF SALEPLVDLP IGINITRFQT
LLALHRSYLT PGDSSSGWTA GAAAYVGYL QPRTFLLKYN ENGTITDAVD CALDPLSETK
CTLKSFTVEK GIYQTSNFRV QPTESIVRFP NITNLCPFGE VFNATRFASV YAWNRRKRIS
CVADYSVLYN SAFSTFKCY GVSPTKLNDL CFTNVYADSF VIRGDEVROI APGQTGKIAD
YNYKLPDDFT GCVIAWNSNN LDSKVGNGYN YRYLFRKSN LKPFERDIST EIYQAGSTPC
NGVQGFNCYF PLOSYGFOPT NGVGYQPYRV VVLSFELLHA PATVCGPKKS TNLVKNKCVN
FNFNGLTGTG VLTESNKKFL PFQQFGRDIA DTTDAVRDPQ TLEILDITPC SFGGVSVITP
GTNTSNQVAV LYQGVNCTEV PVAIHADQLT PTWRVYSTGS NVFQTRAGCL IGAEHVNNSY
ECDIPIGAGI CASYQTQNS RRRARVASQ SIIAYTMSLG AENSVAYSNN SIAIPTNFTI
SVTTEILPVS MTKTSVDCTM YICGDSTECN NLLQYGSFC TQLNRALTGI AVEQDKNTQE
VFAQVKQIYK TPPIKDFGGF NFSQILPDPS KPSKRSFIED LLFNKVTLDL AGFIKQYDGC
LGDIAARDLI CAQKFNGLTV LPPLLTDEMI AQYTSALLAG TITSGWTFGA GAALQIPFAM
QMAYRFNGIG VTQNVLYENQ KLIANQFNSA IGKIQDSLSS TASALGKLQD VVNQNAQALN
TLVKQLSSNF GAISSVLNDI LSRLDKVEAE VQIDRLITGR LQSLQTYVTQ QLIRAAEIRA
SANLAATKMS ECVLGQSKRV DFCGKGYHLM SFPQSAPHGV VFLHVTYVPA HEKNFTTAPA
ICHDGKAHFP REGVFVSNGT HWFVTQRNFY EPQIITDNT FVSGNCDVVI GIVNNTVYDP
LQPELDSFKE ELDKYFKNHT SPDVDLGDIS GINASVVNIQ KEIDRLNEVA KNLNESLIDL
QELGKYEQYI KWPWYIWLGF IAGLIAIVMV TIMLCMTSC CSQLKGCCSC GSCCKFDEDD
SEPVLKGVKL HYT
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Purity: crude (major peak by LC-MS is guaranteed to be peptide of interest for each peptide)
Appearance: white to off-white powder
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