

Product Data Sheet

Product: PepMix SARS-CoV-2 (Spike P.1 / Gamma)
Product code: PM-SARS2-SMUT03-1
Source: SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2)
 (Lineage P.1, B.1.1.28.1, Gamma Variant)
 Spike glycoprotein - contains mutations L0018F, T0020N, P0026S, D0138Y, R0190S, K0417T, E0484K, N0501Y, D0614G, H0655Y, T1027I, V1176F
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 VSSQCVNFTN RTQLPSAYTN SFTRGVYYPD KVFRSSVLHS TQDLFLPFFS
NVTWFHAIHV SGTNGTKRFD NPVLPFNDGV YFASTEKSN IIRGWIFGTTL DSKTQSLLIIV
NNATNVVIKV CEFQFCNYPF LGVYYHKNNK SWMESEFRVY SSANNCTFEY VSQPFLMDLE
GKQGNFKNLS EFVFKNIDGY FKIYSKHTPI NLVRDLPPQGF SALEPLVDLP IGINITRFQT
LLALHRSYLT PGDSSSGWTA GAAAYVGYL QPRTFLLKYN ENGTITDAVD CALDPLSETK
CTLKSFTVEK GIYQTSNFRV QPTESIVRFP NITNLCPFGE VFNATRFASV YAWNKRKISN
CVADYSVLYN SASFSTFKCY GVSPTKLNLD CFTNVYADSF VIRGDEVROI APGQTGTIAD
YNYKLPDDFT GCVIAWNSNN LDSKVGNYN YLYRLFRKSN LKPFERDIST EIYQAGSTPC
NGVKGFNCFY PLQSYGFQPT YGVGYQPYRV VVLSFELLHA PATVCGPKKS TNLVKNKCVN
FNFNGLTGTG VLTESNKKFL PFQQFGRDIA DTTDAVRDPQ TLEILDITPC SFGGVSVITP
GTNTSNQVAV LYQGVNCTEV PVAIHADQLT PTWRVYSTGS NVFQTRAGCL IGAEYVNNYSY
ECDIPIGAGI CASYQTQNS PRRARVASQ SIIAYTMSLG AENSVAYSNN SIAIPTNFTI
SVTTEILPVS MTKTSVDCTM YICGDSTEC NLLQYGSFC TQLNRALTGI AVEQDKNTQE
VFAQVKQIYK TPPIKDFGGF NFSQILPDPS KPSKRSFIED LFNKVTLAD AGFIKQYGDC
LGDIAARDLI CAQKFNGLTV LPPLLTDEMI AQYTSALLAG TITSGWTFGA GAALQIPFAM
QMAYRFNGIG VTQNVLYENQ KLIANQFNSA IGKIQDSLSS TASALGKLQD VVNQNAQALN
TLVKQLSSNF GAISVVLNDI LSRLDKVEAE VQIDRLITGR LQSLQTYVTQ QLIRAAEIRA
SANLAAIKMS ECVLGQSKRV DFCGKGYHLM SFPQSAPHGV VFLHVTYVPA QEKNFTTAPA
ICHDGKAHFP REGVFSNGT HWFVTQRNFY EPQIITDNT FVSGNCDVVI GIVNNTVYDF
LQPELDSFKE ELDKYFKNHT SPDVDLGDIS GINASFVNIQ KEIDRLNEVA KNLNESLIDL
QELGKYEQYI KWPWYIWLGF IAGLIAIVMV TIMLCCMTSC CSCLKGCCSC GSCKFDEDD
SEPVLKGVKL HYT
  
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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