

Product Data Sheet

Product: PepMix SARS-CoV-2 (Spike B.1.429 / Epsilon)
Product code: PM-SARS2-SMUT04-1
Source: SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2)
 (Lineage B.1.429, Epsilon Variant)
 Spike glycoprotein - contains mutations S0013I, W0152C, L0452R, D0614G
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 VSIQCVNLTT RTQLPPAYTN SFTRGVYYPD KVFRSSVLHS TQDLFLPFFS
NVTWFHAIHV SGTNGTKRFD NPVLPFNDGV YFASTEKSNI IRGWIFGTTL DSKTQSLIV
NNATNVVIKV CEFQFCNDPF LGVYYHKNNK SCMESEFRVY SSANNCTFEY VSQPFLMDLE
GKQGNFKNLR EFVFKNIDGY FKIYSKHTPI NLVRDLPQGF SALEPLVDLP IGINITRFQT
LLALHRSYLT PGDSSSGWTA GAAAYVGYL QPRTFLLKYN ENGTITDAVD CALDPLSETK
CTLKSFTVEK GIYQTSNFRV QPTESIVRFP NITNLCPFGE VFNATRFASV YAWNKRKISN
CVADYSVLYN SASFSTFKCY GVSPTKLNDL CFTNVYADSF VIRGDEVROI APGQTGKIAD
YNYKLPDDFT GCVIAWNSNN LDSKVGGNYN YRYRLFRKSN LKPFERDIST EIYQAGSTPC
NGVEGFNCYF PLQSYGFQPT NGVGYQPYRV VVLSFELLHA PATVCGPKKS TNLVKNKCVN
FNFNGLTGTG VLTESNKKFL PFQQFGRDIA DTTDAVRDPQ TLEILDITPC SFGGVSVITP
GTNTSNQVAV LYQGVNCTEV PVAIHADQLT PTWRVYSTGS NVFQTRAGCL IGAEHVNNSY
ECDIPIGAGI CASYQTQNS PRRARVASQ SIIAYTMSLG AENSVAYSNN SIAIPTNFTI
SVTTEILPVS MTKTSVDCTM YICGDSTEC S NLLQYGSFC TQLNRALTGI AVEQDKNTQE
VFAQVKQIYK TPPIKDFGGF NFSQILPDPS KPSKRSFIED LFNKVTLAD AGFIKQYGDC
LGDIAARDLI CAQKFNGLTV LPPLLTDEMI AQYTSALLAG TITSGWTFGA GAALQIPFAM
QMAYRFNGIG VTQNVLYENQ KLIANQFNSA IGKIQDSLSS TASALGKLQD VVNQNAQALN
TLVKQLSSNF GAISSVLNDI LSRLDKVEAE VQIDRLITGR LQSLQTYVTQ QLIRAAEIRA
SANLAATKMS ECVLGQSKRV DFCGKGYHLM SFPQSAPHGV VFLHVTYVPA QEKNFTTAPA
ICHDGKAHFP REGVFVSNGT HWFVTQRNFY EPQIITDNT FVSGNCDVVI GIVNNTVYDP
LQPELDSFKE ELDKYFKNHT SPDVDLGDIS GINASVVNIQ KEIDRLNEVA KNLNESLIDL
QELGKYEQYI KWPWYIWLGF IAGLIAIVMV TIMLCCMTSC CSCLKGCCSC GSCCKFDEDD
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