

Product Data Sheet

Product: PepMix SARS-CoV-2 (Spike BA.2.75)
Label name: PepMix SARS-CoV-2 (Spike BA.2.75)
Product code: PM-SARS2-SMUT11-1
Source: SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2)
 Lineage B.1.1.529, BA.2.75 Omicron sub-variant

Spike glycoprotein - contains mutation: T19I, L24-, P25-, P26-, A27S, G142D, K147E, W152R, F157L, I210V, V213G, G257S, G339H, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, G446S, N460K, S477N, T478K, E484A, Q498R, N501Y, Y505H, D614G, H655Y, N679K, P681H, N764K, D796Y, Q954H and N969K

Protein ID: -
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 VSSQCVNLIT RTQSYTNSFT RGVYYPDKVF RSSLVHSTQD LFLPFFSNVT
WFHAIHVSGT NGTKRFDNPV LPFNDGVYFA STEKSNIIRG WIFGTTLDSK TQSLILVNNA
TNVVIKVECF QFCNDPFLDV YYHENNKSRM ESELRVYSSA NNCTFEYVSQ PFLMDLEGKQ
GNFKNLREFV FKNIDGYFKI YSKHTPVNLG RDLPGGFSAL EPLVDLPIGI NITRFQTLA
LHRSYLTPGD SSSSWTAGAA AYYVGYLQPR TFLLYKYNENG TITDAVDCAL DPLSETKCTL
KSFTVEKGIY QTSNFRVQPT ESIVRFPNIT NLCPPHEVFN ATRFASVYAW NRKRISNCVA
DYSVLYNFAP FFAFKCYGVS PTKLNDLCFT NVYADSFVIR GNEVSIAPG QTGNIADYNY
KLPDDFTGCV IAWNSNKLDS KVSGNYNYLY RLFPRKSKLKP FERDISTEYI QAGNKPCNGV
AGFNCYFPLQ SYGFRPTYGV GHQPYRVVVL SFELLHAPAT VCGPKKSTNL VKNKCVNFNE
NGLTGTGVLV ESNNKFLPFQ QFGRDIADTT DAVRDPQTL EILDITPCSFG GVSVITPGTN
TSNQVAVLYQ GVNCTEVPVA IHADQLTPTW RVYSTGSNVF QTRAGCLIGA EYVNNSEYED
IPIGAGICAS YQTQTKSHR ARSVASQSI AYTMSLGAEN SVAYSNNNSIA IPTNFTISVT
TEILPVSMTK TSVDCCTMYIC GDSTECNLL LQYGSFCTQL KRALTGIAVE QDKNTQEVFA
QVKQIYKTPP IKYFGGFNFS QILPDPSKPS KRSFIEDLLF NKVTLADAGF IKQYGDCLGD
IAARDLICAQ KFNGLTVLP LLDDEMIAQY TSALLAGTIT SGWTFGAGAA LQIPFAMQMA
YRFNGIGVTQ NVLYENQKLI ANQFNSAIGK IQDLSSTAS ALGKLQDVVN HNAQALNTLV
QQLSSKFGAI SSVLNDILSR LDKVEAEVQI DRLITGRLOS LQTYVTQQLI RAAEIRASAN
LAATKMSECV LGQSKRVDFC GKGYHLMSFP QSAPHGVVFL HVTYVPAQEK NFFTAPAICH
DGKAHFPREG VFVSNQTHWF VTQRNFYEPQ IITDNTFVS GNCDVVIGIV NNTVYDPLQP
ELDSFKEELD KYFKNHTSPD VDLGDISGIN ASVVNIQKEI DRLNEVAKNL NESLIDLQEL
GKYEQYIKWP WYIWLGFIAQ LIAIVMVTIM LCCMTSCCSC LKGCCSCGSC CKFDEDDSEP
VLKGVKLYHT
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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