

Product Data Sheet

Product: PepMix HCoV-229E (Spike Glycoprotein)
Product code: PM-229E-S-1
Source: Human Coronavirus (HCoV)
Spike glycoprotein
Protein ID: P15423
Gene ID: S
No. of peptides: 291 peptides - 146+145 (15mers with 11 aa overlap)
Amount: 25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10⁸ cells)
Length: 1173 aa

Sequence:

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MFVLLVAYAL LHIAGCQTTN GLNTSYSVCN GCVGYSENVF AVESGGYIPS DFAFNNWFLF
TNTSSVVDGV VRSFQPLLLN CLWSVSGLRF TTGFVYFNGT GRGDCKGFSS DVLSDVIRYN
LNFEENLRRG TILFKTSYGV VVFYCTNNTL VSGDAHIPFG TVLGNFYCFV NTTIGNETTS
AFVGPALPKTV REFVISRTGH FYINGRYFT LGNVEAVNFN VTTAETDFC TVALASYADV
LVNVSQTSIA NLIYCNSVIN RLRCDQLSFD VPDGFYSTSP IQSVELPVS I VSLPVYHKHT
FIVLYVDFKP QSGGKCFNC YPAGVNITLA NFNETKGPLC VDTSHFTTKY VAVYANVGRW
SASINTGNCP FSFGKVNNEV KFGSVCFSLK DIPGGCAMP I VANWAYSKEY TIGSLVSVS
DGDGITGVPQ PVEGVSSFMN VTLDKCTKYN IYDVSGVGI RVSNDTFLNG ITYTSTSGNL
LGFKDVTKGT IYSITPCNPP DQLVVYQAV VGAMLSNFV SYGFSNVVEL PKFFYASNGT
YRCTDAVLTY SSFGVCADGS IIAVQPRNV YDSVSAIVTA NLSIPSNWTT SVQVEYLOIT
STPIVDCST YVCNGNRCV ELLKQYTSAC KTIEDALRNS ARLESADVSE MLTFDKKAPT
LANVSSFGDY NLSSVIPSLP TSGSRVAGRS AIEDILFSKL VTSGLGTVDA DYKCKTKGLS
IADLACAQYY NGIMVLPGVA DAERMAMYTG SLIGGIALGG LTSAVSIPFS LAIQARLNYV
ALQTDVLEQEN QKILAASFNK AMTNIVDAFT GVNDAITQTS QALQTVATAL NKIQDVVNQQ
GNSLNHLTSQ LRQNFQAISS SIQAIYDRLD TIQADQQVDR LITGRLAALN VVFSHTLTKY
TEVRASRQLA QQKVNCEVKS QSKRYGFCGN GTHIFSIVNA APEGLVFLHT VLLPTQYKDV
EAWSGLCVDG TNGYVLRQPN LALYKEGNY RITSRIMFEP RIPTMADFVQ IENCNVTFVN
ISRSELQTI V PEYIDVNKTL QELSYKLPNY TVPDLVVEQY NQTIILNLTS ISTLENKSAE
LNYTVQKLQT LIDNINSTLV DLKWLNRVET YIKWPWWWL CISVVLIFV SMLLCCSST
GCCGFSCFA SSIRGCCST KLPYYDVEKI HIQ
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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