

## Product Data Sheet

**Product:** PepMix HCoV-229E (Spike Glycoprotein)  
**Product code:** PM-229E-S-2  
**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 10<sup>8</sup> cells)  
**Length:** 1173 aa

**Sequence:**

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MFVLLVAYAL LHIAGCQTTN GLNTSYSVCN GCVGYSENVF AVESGGYIPS DFAFNNWFLL
TNTSSVVDGV VRSFQPLLLN CLWSVSGLRF TTGFVYFNGT GRGDCKGFSS DVLSDEVIRYN
LNFEENLRRG TILFKTSYGV VVFYCTNNTL VSGDAHIFPG TVLGNFYCFV NTTIGNETTS
AFVGALPKTV REFVISRTGH FYINGYRYFT LGNVEAVNFN VTTAETTFDC TVALASYADV
LVNVSQTSIA NIIYCNSVIN RLRCQQLSFD VPDGFYSTSP IQSVELPVS I VSLPVYHKHT
FIVLYVDFKP QSGGGKCFNC YPAGVNITLA NFNETHKGPLC VDTSHFTTKY VAVYANVGRW
SASINTGNCP FSFGKVNNFV KFGSVCFSLK DIPGGCAMP I VANWAYSKEY TIGSLYVSW S
DGDGITGVPQ PVEGVSSF MN VTLDKCTKYN IYDVSGVGV I RVSNDTFLNG ITYTSTSGNL
LGFKDVTKGT IYSITPCNPP DQLVVYQQAV VGAMLSENF T SYGFSNVVEL PKFFYASNGT
YNCTDAVLTY SSFGVCADGS IIAVQPRNVS YDSVSAIVTA NLSIPSNWTT SVQVEYLQIT
STPIVDCST YVCNGNVRCV ELLKQYTSAC KTIEDALRNS ARLESADVSE MLTFDKKAFT
LANVSSFGDY NLSSVIPSLP TSGSRVAGRS AIEDILFSKL VTSGLGTVDA DYKKCTKGLS
IADLACAQYY NGIMVLPGVA DAERMAMYTG SLIGGIALGG LTSAVSIPFS LAIQARLNYV
ALQTDVLQEN QKILAASFNK AMTNIVDAFT GVNDAITQTS QALQTVATAL NKIQDVVNQQ
GNSLNHLTSQ LRQNFQAISS SIQAIYDRLD TIQADQQVDR LITGRLAALN VVVSHTLT KY
TEVRASRQLA QQKVNECVKS QSKRYGFCGN GTHIFSIVNA APEGLVFLHT VLLPTQYKDV
EAWSGLCVDG TNGYVLRQPN LALYKEGNY RITSRIMFEP RIPTMADFVQ IENCNVTFVN
ISRSELQTI V PEYIDVNKTL QELSYKLPNY TVPDLVVEQY NQTILNLTSE ISTLENKSAE
LNYTVQKLQT LIDNINSTLV DLKWLNRVET YIKWPWWVWL CISVVLIFVV SMLLLCCCST
GCCGFFSCFA SSIRGCCEST KLPYYDVEKI HIQ
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**Purity:** Development Grade: each peptide purified to > 70% (HPLC/MS)  
**Appearance:** white to off-white lyophilisate  
**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**

