

## Product Data Sheet

**Product:** PepMix™ HCoV-HKU1 (Spike Glycoprotein)  
**Product code:** PM-HKU1-S-2  
**Source:** Human coronavirus (HCoV)  
 Spike glycoprotein  
**Protein ID:** Q5MQD0  
**Gene ID:** S  
**No. of peptides:** 337 peptides - 169+168  
**Amount:** 25 ug (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10<sup>8</sup> cells)  
**Length:** 1356 aa

**Sequence:** MLLIIFILPT TLAVIGDFNC TNFAINDLNT TVPRISEYVV DVSYGLGTTY IILDRVYLNTT  
 ILFTGYFPKS GANFRDLSLK GTTYLSTLWY QKPFLSDFNN GIFSRVKNTK LYVNKTLYSE  
 FSTIVIGSVF INNSYTIIVVQ PHNGVLEITA CQYTMCEYPH TICKSKGSSR NESWHFDKSE  
 PLCLFKKNFT YNVSTDWLYF HFYQERGTFF AYYADSGMPT TFLFSLYLGTT LLSHYVVLPL  
 TCNAISSNTD NETLQYWVTP LSKRQYLLKF DNRGVITNAV DCSSSFFSEI QCKTKSLLPN  
 TGVYDLSGFT VKPVATVHRR IPDLPCDDID KWLNNFNVPV PLNWERKIFS NCFNPLSTLL  
 RLVHTDSFSC NNFDESKIYG SCFKSIVLKD FAIPNSRRSD LQLGSSGFLQ SSNYKIDTTS  
 SSCQLYSLP AINVTINNYN PSSWNRRYGF NNFNLSSHVS VYSRYCFSVN NTFPCAKPS  
 FASSCKSHKP PSASCPIGTN YRSCESTTVL DHTDWCRCSC LPDPITAYDP RSCSQKSLV  
 GVEHCAGFG VDEEKCGVLD GSYNVSCLCS TDAFLGWSYD TCVSNRNCNI FSNFILNGIN  
 SGTTCSDLL QPNTEVFTDV CVDYDLYGIT GQGIFKEVSA VYNSWQNLQ YDSNGNIIGF  
 KDFVTNKTYN IFPCYAGRVS AAFHQNASLL ALLYRNLKCS YVLNNSLTT QPYFDSYLG  
 VFNADNLTDY SVSSCALRMG SGFCVDYNSP SSSSSRRKRR SISASYRFVT FEPFNVSFVN  
 DSIESVGGLY EIKIPTNFTI VQEEFIQTN SPKVTIDCSL FVCSNYAACH DLLSEYGTFC  
 DNINSILDEV NGLLDTQLH VADTLMQGVV LSSNLNTNLH FVDNINFKS LVGCLGPHCG  
 SSSRSFFEDL LFDKVKLSDV GFVEAYNNT GGSEIRDLLC VQSFNGIKVL PPILESQIS  
 GYTTAATVAA MFPPWSAAAG IPFSLNVQYR INGLGVTMDV LNKNQKLIAT AFNNALLSIQ  
 NGFSATNSAL AKIQSVVNSN AQALNSLLQQ LFNKFGAISS SLQEILSRDL ALEAQVQIDR  
 LINGRLTALN AYVSQQLSDI SLVKFGAALA MEKVNECVKS QSPRINFCGN GNHILSLVQN  
 APYGLLFMHF SYKPI SFKTV LVSPGLCISG DVGIAPKQGY FIKHNDHWMF TGSSYYYPEP  
 ISDKNVVFMN TCSVNFTKAP LVYLNHSVPK LSDFESELSH WFKNQTSIAP NLTNLNHTIN  
 ATFLDLYYEM NLIQESIKSL NNSYINLKDI GTYEMYVKWP WYVWLLISFS FIFLVLVLLF  
 ICCCTGCGSA CFSKCHNCCD EYGGHHDFVI KTSRDD

**Purity:** >70% (HPLC-MS)  
**Appearance:** white to off-white powder  
**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**