

**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 (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:** 1356 aa

**Sequence:**

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MLLIIFILPT TLAVIGDFNC TNFAINDLNT TVPRISEYVV DVSYGLGTTY ILDRVYLNTT
ILFTGYFPKS GANFRDLSLK GTTYLSTLWY QKPFLSDFNN GIFSRVKNTK LYVNKTLYSE
FSTIVIGSVF INNSYTIIVVQ PHNGVLEITA CQYTMCEYPH TICKSKGSSR NESWHFDKSE
PLCLFKKNFT YNVSTDWLYF HFYQERGTFY AYYADSGMPT TFLFSLYLGT LLSHYVLPPL
TCNAISSNTD NETLQYWVTP LSKRQYLLKF DNRGVITNAV DCSSSFFSEI QCKTKSLLPN
TGVYDLSGFT VKPVATVHRR IPDLPDCDID KWLNNFNVPV PLNWERKIFS NCNFNLSTLL
RLVHTDSFSC NNFDESKIYG SCFKSIVLTK FAIPNSRRSD LQLGSSGFLO SSNYKIDTTS
SSCQLYSLP AINVTINNYN PSSWNRRYGF NNFNLSSHVS VYSRYCFSVN NTFPCAKPS
FASSCKSHKP PSASCPIGTN YRSCESTTVL DHTDWCRCSC LPDPITAYDP RSCSQKKSIV
GVGEHCAGFG VDEEKCGVLD GSYNVSCVCS TDAFLGWSYD TCVSNRNCNI FSNFILNGIN
SGTTCNSDLL QPNTVEFTDV CVDYDLYGIT GQGIFKEVSA VYNSWQNLQ YDSNGNIIGF
KDFVTNKTYN IFPCYAGRVS AAFHQNASSL ALLYRNKCS YVLNNSLTT QPYFDSYLCG
VFNADNLTDY SVSSCALRMG SGFCVDYNSP SSSSRKRKR SISASYRFTV FEPFNVSFVN
DSIESVGGLY EKIPTNFTI VGQEEFIQTN SPKVTIDCSL FVCSNYAACH DLLSEYGTFC
DNINSILDEV NGLLDTQLH VADTLMQGV TSSNLNLTNLH FDVDNINFKS LVGCLGPHCG
SSRSRFFEDL LFDKVKLSDV GFVEAYNCT GGSEIRDLLC VQSFNGIKVL PPILESQSIS
GYTTAATVAA MFPPWSAAA IPFSLNVQYR INGLGVTMDV LNKNOKLIAT AFNNALLSIQ
NGFSATNSAL AKIQSVVNSN AQALNSLLQQ LFNKFGAISS SLQEILSRLD ALEAQVQIDR
LINGRLTALN AYVSQQLSDI SLVKFGAALA MEKVNECVKS QSPRINFCGN GNHILSLVQN
APYGLLFMHF SYKPISFKTV LVSPGLCISG DVGIAPKQGY FIKHNDHWMF TGSSYYYPEP
ISDKNVVFMN TCSVNFVKAP LVYLNHSVPK LSDFESELSH WFKNQTSIAP NLTLNLHTIN
ATFLDLYEM NLIQESIKSL NNSYINLKDI GTYEMYVKWP WYVWLLISFS FIIFLVLLFF
ICCTGCGSA CFSKCHNCCD EYGGHDFVI KTSRDD
  
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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**

