

## 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:**

```

MLLIIFILPT TLAVIGDFNC TNFAINDLNT TVPRISEYVV DVSYGLGTYI ILDRVYLNTT
ILFTGYFPKS GANFRDLSLK GTTYLSTLWY QKPFLSDFNN GIFSRVKNTK LYVNKTLYSE
FSTIVIGSVF INNSYTIIVVQ PHNGVLEITA CQYTMCEYPH TICKSKGSSR NESWHFDKSE
PLCLFKKNFT YNVSTDWLYF HFYQERGTFF AYYADSGMPT TFLFSLYLGT LLSHYVVLPL
TCNAISSNTD NETLQYWVTP LSKRQYLLKF DNRGVITNAV DCSSSFSEI QCKTKSLLPN
TGVYDLGFT VKPVATVHRR IPDLPDCDID KWLNNFNVPV PLNWERKIFS NCNFNLSLTL
RLVHTDSFSC NNFDESKIYG SCFKSIVLDK FAIPNSRRSD LQLGSSGFLQ SSNYKIDTTS
SSCQLYYSLP AINVTINNYN PSSWNRRYGF NNFNLSSHVS VYSRYCFSVN NTFPCPAKPS
FASSCKSHKP PSASCPIGTN YRSCSTTVL DHTDWCRCSC LPDPITAYDP RSCSQKSLV
GVGEHCAGFG VDEEKCGVLD GSYNVSLCS TDAFLGWSYD TCVSNRCNI FSNFILNGIN
SGTTCNDLL QPNTTEVFTDV CVDYDLYGIT GQGIFKEVSA VYNSWQNL YDSNGNIIGF
KDFVTNKTYN IFPCYAGRVS AAFHQNASL ALLYRNKCS YVLNNISLTT QPYFDSYLG
VFNADNLTDY SVSSCALRMG SGFCVDYNSP SSSSRKRR SISASYRFVT FEPFNVSVN
DSIESVGGLY EIKIPTNFTI VGQEEFIQTN SPKVTIDCSL FVCSNYAACH DLLSEYGTFC
DNINSILDEV NGLLDTTQLH VADTLMQGV LSSNLNTNLH FDVDNINFKS LVGCLGPHCG
SSRSFFEDL LFDKVKLSDV GFVEAYNCT GGSEIRDLLC VQSFNGIKVL PPILESQIS
GYTTAATVAA MFPPWSAAG IPFSLNVQYR INGLGVTMDV LNKNQKLIAT AFNNALLSIQ
NGFSATNSAL AKIQSVVNSN AQALNSLLQ LFNKFGAISS SLQEILSRD ALEAQVQIDR
LINGRLTALN AYVSQQLSDI SLVKFGAALA MEKVNCEVKS QSPRINFCGN GNHILSLVQN
APYGLLFMHF SYKPISEKTV LVSPGLCISG DVGIAPKQGY FIKHNDHWMF TGSSYYPEP
ISDKNVVFMN TCSVNFTKAP LVYLNHSVPK LSDFESELSH WFKNQTSIAP NLTLNLHTIN
ATFLDLYYEM NLIQESIKSL NNSYINLKDI GTYEMYVKWP WYVWLLISFS FIIFLVLLFF
ICCCTGCGSA CFSKCHNCCD EYGGHDFVI KTSHDD

```

**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**