

Product Data Sheet

Product: PepMix HCoV-HKU1 (Spike Glycoprotein)
Product code: PM-HKU1-S-1
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 10⁸ cells)
Length: 1356 aa

Sequence:

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MLLIIFILPT TLAVIGDFNC TNFAINDLNT TVPRISEYVV DVSYGLGTY Y I LDRVYLNTT
ILFTGYFPKS GANFRDLSLK GTTYLSTLWY QKPFLSDFNN GIFSRVKNTK LYVNKTLYSE
FSTIVIGSVF INNSYTIIVVQ PHNGVLEITA CQYTMCEYPH TICKSKGSSR NESWHFDKSE
PLCLFKKNFT YNVSTDWLYF HFYQERGT FY AYYADSGMPT TFLFSLYLGT LLSHYVLPPL
TCNAISSNTD NETLQYWVTP LSKRQYLLKF DNRGVITNAV DCSSSFSEI QCKTKSLLPN
TGVYDL SGFT VKPVATVHRR IPDLPDCDID KWLNNFNVP S PLNWERKIFS NCFNLSTLL
RLVHTDSFSC NNFDESKIYG SCFKSIVLDK FAIPNSRRSD LQLGSSGFLQ SSNYKIDTTS
SSCQLYYSLP AINVTINNYN PSSWNRRYGF NNFNLSSHV VYSRYCFSVN NTFPCAKPS
FASSCKSHKP PSASCPIGTN YRSCESTTVL DHTDWCRCSC LPDPITAYDP RSCSQKSLV
GVGEHCAGFG VDEEKCGVLD GSYNVSCLCS TDAFLGWSYD TCVSNRCNI FSNFILNGIN
SGTTCNDLL QPNTEVFTDV CVDYDLYGIT GQGIFKEVSA VYNSWQNL YDSNGNIIGF
KDFVTNKTYN IFPCYAGRVS AAFHQNASL ALLYRNKCS YVLNNISLTT QPYFDSYLCG
VFNADNLTDY SVSSCALRMG SGFCVDYNSP SSSSRKRR SISASYRFVT FEPFNVSFVN
DSIESVGGLY EIKIPTNFTI VGQEEFIQTN SPKVTIDCSL FVCSNYAACH DLLSEYGTFC
DNINSILDEV NGLLDTQLH VADTLMQGV T LSSNLNTNLH FDVDNINFKS LVGCLGPHCG
SSRSFFEDL LFDKVKLSDV GFVEAYNNT GGSEIRDLLC VQSFNGIKVL PPILESQIS
GYTTAATVAA MFPPWSAAG IPFSLNVQYR INGLGVTMDV LNKNQKLIAT AFNNALLSIQ
NGFSATNSAL AKIQSVVNSN AQALNSLLQO LFNKFGAISS SLQEILSRD ALEAQVQIDR
LINGRLTALN AYVSQQLSDI SLVKFGAALA MEKVNECVKS QSPRINFCGN GNHILSLVQN
APYGLLFMHF SYKPISFKTV LVSPGLCISG DVG IAPKQGY FIKHNDHWMF TGSSYYPEP
ISDKNVVFMN TCSVNFTKAP LVYLNHSVPK LSDFESELSH WFKNQTSIAP NLTLNLHTIN
ATFLDLYYEM NLIQESIKSL NNSYINLKDI GTYEMYVKWP WYVWLLISFS FIIFLVLLFF
ICCCTGCGSA CFSKCHNCCD EYGGHDFVI KTSHDD

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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

