

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 ILDRVYLNTT
ILFTGYFPKS GANFRDLSLK GTTYLSTLWY QKPFLSDFNN GIFSRVKNTK LYVNKTLYSE
FSTIVIGSVF INNSYTIIVVQ PHNGVLEITA CQYTMCEYPH TICKSKGSSR NESWHFDKSE
PLCLFKKNFT YNVSTDWLYF HFYQERGTfy AYYADSGMPT TFLFSLYLGT LLSHYVVLPL
TCNAISSNTD NETLQYWVTP LSKRQYLLKF DNRGVITNAV DCSSSFSEI QCKTKSLLPN
TGVYDLGFT VKPVATVHRR IPDLPDCDID KWLNNFNVPs PLNWERKIFS NCNFNLSTLL
RLVHTDSFSC NNFDESKIYG SCFKSIVLDK FAIPNSRRSD LQLGSSGFLQ SSNYKIDTTS
SSCQLYYSLP AINVTINNYN PSSWNRRYGF NNFNLSSHsV VYSRYCFsVN NTFPCAKPS
FASSCKSHKP PSASCPiGTN YRSCESTTVL DHTDWCRCSC LPDPITAYDP RSCSQKSLV
GVGEHCAGFG VDEEKCGVLD GSYNVsCLCS TDAFLGWSYD TCVSNNRCNI FSNFILNGIN
SGTTCsNDLL QPNTeVFTDV CVDYDLYGIT GQGIFKEVSA VYNSWQNL L YDSNGNIIGF
KDFVTNKTYN IFPCYAGRVs AAFHQNASL ALLYRNlKCS YVLNNISLTT QPYFDSYLGC
VFNADNLTDY SVSSCALRMG SGFCVDYNsP SSSSRKRKR SISASyRFVT FEPFNVSfVN
DSIESVGGLY EIKIPTNFTI VGQEEFIQT N SPKVTIDCSL FVCSNYAACH DLLSEYGTFC
DNINSILDEV NGLLDTTQLH VADTLMQGVT LSSNLNTNLH FDVDNINFKS LVGCLGPHCG
SSSRsFFEDL LFDKVKLSDV GFVEAYNNCT GGSEIRDLLC VQSFNGIKVL PPILSESQIS
GYTTAATVAA MFPPWSAAAG IPFSLNVQYR INGLGVTMDV LNKNQKLIAT AFNNALLSIQ
NGFSATNSAL AKIQSVVNSN AQALNSLLQQ LFNKFGAISS SLQEILSRLD ALEAQVQIDR
LINGRLTALN AYVSQQLSDI SLVKFGAALA MEKVNECVKS QSPRINFCGN GNHILSLVQN
APYGLLFMHF SYKPISFKTV LVSPGLCISG DVGIAPKQGY FIKHNDHWMF TGSSYYYPEP
ISDKNVVFMN TCSVNFTKAP LVYLNHSVPK LSDFESELSH WFKNQTSIAP NLTLNLHTIN
ATFLDLYYEM NLIQESIKSL NNSYINLKDI GTYEMYVKWP WYVWLLISFS FIIFLVLFFF
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