

Product Data Sheet

Product:	Epitope Mapping Peptide Set (EMPS) HCoV-HKU1 (Spike Glycoprotein)
Product code:	EMPS-HKU1-S-1
Content:	52 Matrix Pools according to the matrix indicated in annotations. Each peptide is present in two different pools. 337 individual overlapping peptides spanning the whole antigen.
Source:	Human coronavirus (HCoV) isolate N1 Spike glycoprotein
Protein ID:	Q5MQD0, release 2019_12
Gene ID:	S
No. of peptides:	337 peptides
Amount:	Approx. 5 ug / peptide as individual peptide and in matrix pools
Length:	1356 aa

Sequence:	MLLIIFILPT TLAVIGDFNC TNFAINDLNT TVPRISEYVV DVSYGLGTYI ILDRVYLNTT ILFTGYFPKS GANFRDLSLK GTTYLSTLWY QKPFLSDFNN GIFSRVKNTK LYVNKTLYSE FSTIVIGSVF INNSYTIIVVQ PHNGVLEITA CQYTMCEYPH TICKSKGSSR NESWHFDKSE PLCLFKNFT YNVSTDWLYF HFYQERGTFF AYYADSGMPT TFLFSLYLG TLLSHYYVLP TCNAISSNTD NETLQYWVTP LSKRQYLLKF DNRGVITNAV DCSFFFSEI QCKTKSLLPN TGVYDLSGFT VKPVATVHRR IPDLPCDID KWLNNFNVP S PLNWERKIFS NCNPNLSTLL RLVHTDSFSC NNFDESKIYG SCFKSIVLKD FAIPNSRRSD LQLGSSGFLQ SSNYKIDTTS SSCQLYSLP AINVTINNYN PSSWNRRYGF NNFNLSSHVS VYSRYCFSVN NTFPCAKPS FASCKSHKP PSASCPIGTN YRSCESTTVL DHTDWCRCSC LPDPITAYDP RSCSQKSLV GVGEHCAGFG VDEEKCGVLD GSYNVSCLCS TDAFLGWSYD TCVSNNRCNI FSNFILNGIN SGTTCNDLL QPNTVEFTDV CVDYDLYGIT GQGIFKEVSA VYNSWQNL L YDSNGNIIGF KDFVTNKTYN IFPCYAGRVS AAFHQNASL ALLYRNLKCS YVLNINSLTT QPYFDSYLG VFNADNLTDY SVSSCALRMG SGFCVDYNSP SSSSRKRRR SISASYRFVT FEPFNVSFVN DSIESVGGLY EIKIPTNFTI VGQEEFIQTN SPKVTIDCSL FVCSNYAACH DLLSEYGTFC DNINSILDEV NGLLDTQLH VADTLMQGV T LSSNLNTNLH FDVDNINFKS LVGCLGPHCG SSRSFFEDL LFDKVKLSDV GFVEAYNCT GGSEIRDLLC VQSFNGIKVL PPILESQIS GYTTAATVAA MFPPWSAAAG IPFSLNVQYR INGLGVTMDV LNKQKLIAT AFNNALLSIQ NGFSATNSAL AKIQSVVNSN AQUALNSLLQQ LFNKFGAISS SLQEILSRLD ALEAQVQIDR LINGRLTALN AYVSQQLSDI SLVKFGAALA MEKVNCEVKS QSPRINFCGN GNHILSLVQN APYGLLFMHF SYKPI SFKTV LVSPGLCISG DVGIAPKQGY FIKHNDHWMF TGSSYYYPEP ISDKNVVFMN TCSVNFTKAP LVYLNHSVPK LSDFESELSH WFKNQTSIAP NLTLNLHTIN ATFLDLYYEM NLIQESIKSL NNSYINLKDI GTYEMYVKWP WYVWLLISFS FIFLVLVLLFF ICCTGCGSA CFSKCHNCCD EYGGHDFVI KTSRDD
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Purity:	crude (major peak by LC-MS is guaranteed to be peptide of interest for each peptide)
Remark:	The peptides of this product are supplied as trifluoroacetate salts.
Storage conditions:	Store at - 20°C
Application protocol:	https://jpt.com/support-contact/resources/application-protocols/

Use recommended within 6 months