

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 µg / peptide as individual peptide and in matrix pools
Length:	1356 aa
Sequence:	<pre> MLLIIFILPT TLAVIGDFNC TNFAINDLNT TVPRISEYVV DVSYGLGTY IILDRVYLNTT ILFTGYFPKS GANFRDLSLK GTTYLSTLWY QKPFLLSDFNN GIFSRVKNTK LYVNKTLYSE FSTIVIGSVF INNSYTIIVQ PHNGVLEITA CQYTMCEYPH TICKSKGSSR NESWHFDKSE PLCLFKKNFT YNVSTDWLYF HFYQERGFY AYYADSGMPT TFLFSLYLGT LLSHYVVLPL TCNAISSNTD NETLQYWVTP LSKRQYLLKF DNRGVITNAV DCSSSFFSEI QCKTKSLLPN TGVYDLSGFT VKPVATVHRR IPDLPDCDID KWLNNFNVPV PLNWERKIFS NCFNLSLTL RLVHTDSFSC NNFDESKIYG SCFKSIVLDK FAIPNSRRSD LQLGSSGFLO SSNYKIDTTS SSCQLYSLP AINVTTNNYN PSSWNRRYGF NNFNLSHSHV VYSRYCFSVN NTFCPCAKPS FASSCKSHKP PSASCPGTN YRSCESTTVL DHTDWCRCSC LPDPITAYDP RSCSQKKSIV GVGEHCAGFG VDEEKCGVLD GSYNVSLCS TDAFLGWSYD TCVSNRNCNI FSNFILNGIN SGTTCNSDLL QPNTEVFTDV CVDYDLYGIT GQGIFKEVSA VYNSWQNL L YDSNGNIIGF KDFVTNKTYN IFPCYAGRVS AAFHQNASL ALLYRNLKCS YVLNNISLTT QPYFDSYLG VFNADNLTDY SVSSCALRMG SGFCVDYNSP SSSSRRRKR SISASYRFVT FEPFNVSVFN DSIESVGGY EIKIPTNFTI VGQEEFIQTN SPKVTIDCSL FVCSNYAACH DLLSEYGTFC DNINSILDEV NGLLDTQLH VADTLMQGV LSSNLNTNLH FDVDNINFKS LVGCLGPHCG SSRSFFEDL LFDKVKLSDV GFVEAYNCT GGSEIRDLLC VQSFNGIKVL PPIILSESQIS GYTTAATVAA MFPPWSAAAG IFFSLNVQYR INGLGVTMDV LNKNQKLIAT AFNNALLSIQ NGFSATNSAL AKIQSVVNSN AQUALNSLLQ LFNKFGAISS SLQEILSRLD ALEAQVQIDR LINGRLTALN AYVSQQLSDI SLVKFGAALA MEKVNCEVKS QSPRINFCGN GNHILSLVQN APYGLLFMHF SYKPISEKTV LVSPGLCISG DVGIAPKQGY FIKHNDHWMF TGSSYYYPEP ISDKNVVFMN TCSVNFTKAP LVYLNHSVPK LSDFESELSH WFKNQTSIAP NLTNLNHTIN ATFLDLYEM NLIQESIKSL NNSYINLKI GTYEMYVKWP WYVWLLISFS FIIIFVLLFF ICCTGCGSA CFSKCHNCCD EYGGHHDFVI KTSRDD </pre>

Purity:	Research Plus Grade: each peptide is guaranteed to be main product (HPLC/MS)
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