

Product Data Sheet

Product:	Epitope Mapping Peptide Set (EMPS) HCoV-OC43 (Spike Glycoprotein)
Product code:	EMPS-OC43-S-1
Content:	52 Matrix Pools according to the matrix indicated in annotations. Each peptide is present in two different pools. 336 individual overlapping peptides spanning the whole antigen.
Source:	Human Coronavirus (HCoV) Spike glycoprotein
Protein ID:	P36334, release 2020_02
Gene ID:	S
No. of peptides:	336 peptides
Amount:	Approx. 5 µg / peptide as individual peptide and in matrix pools
Length:	1353 aa
Sequence:	MFLILLISLP TAFAVIGDLK CTSNDINDKD TGPPPISTDT VDVVTNGLGTY YVLDRVYLNLT TLFLNGYYPT SGSTYRNMAL KGSVLLSRLW FKPPFLSDFI NGIFAKVKNT KVIKDRVMYS EFPAITIGST FVNTSYSVVV QPRTINSTQD GDNKLQGLLE VSVQYNMCE YPQTICHPNL GNHRKELWHL DTGVVSCLYK RNFTYDVNAD YLYFHFYQEG GTFYAYFTDT GVVTKFLFNV YLGMAISHYY VMPLTCNSKL TLEYWVTPLT SRQYLLAFNQ DGIIFNAEDC MSDFMSEIKC KTQSIAPPTG VYELNGYTVQ PIADVYRRKP NLPNCNIEAW LNDKSVPSPL NWERKTFSNC NFMSSLSMSF IQADSFTCNN IDAAKIYGMC FSSITIDKFA IPNGRKVDLQ LGNLGYLQSF NYRIDTTATS CQLYYNLPAA NVSVSRFNPS TWNKRFGFIE DSVFKPRPAG VLTNHDVVYA QHCFKAPKNF CPCKLNGSCV GSGPGKNGI GTCPAGTNYL TCDNLCTPDP ITFTGTYKCP QTKSLVGIGE HCSGLAVKSD YCGGNSCTCR PQAFLGWSAD SCLQGDKCNI FANFILHDVN SGLTCSTDLQ KANTDIILGV CVNYDLYGIL GQGIFVEVNA TTYNSWQNL L YDSNGNLYGF RDYIINRTFM IRSCYSGRVS AAFHANSSEP ALLFRNIKCN YVFNNLSLTRQ LQPINYFDSY LGCVVNAYNS TAISVQTCDL TVGSGYCVDY SKNRRSRGAI TTGYRFTNFE PFTVNSVNSD LEPVGGLYEI QIPSEFTIGN MVEFIQTSSP KVTIDCAAFV CGDYAACKSQ LVEYGSFCDN INAILTEVNE LLDTTQLQVA NSLMNGVTL S TKLKDGVNFN VDDINFSPVL GCLGSECSKA SSRSAIEDLL FDKVKLSDVG FVEAYNCTG GAEIRDICV QSYKGIKVL P LLSENQISG YTLAATSASL FPPWTAAGV PFYLVNQYRI NGLGVTMDVL SQNQKLIANA FNNALYAIQE GFDATNSALV KIQAVVNANA EALNNLLQQL SNRFGAISAS LQEILSRLDA LEAEAQIDRL INGRLTALNA YVSQQLSDST LVKFSAAQAM EKVNECVKSO SSRINFCGNG NHIIISLVQNA PYGLYFIHFS YVPTKYVTAR VSPGLCIAGD RGIAPKSGYF VNVNNTWMYT GSGYYPEPI TENNVVVMST CAVNYTKAPY VMLNTSIPNL PDFKEELDQW FKNQTSVAPD LSLDYINVTF LDLQVEMNRL QEAIKVLNQS YINLKDIGTY EYYVVKWPYV WLLICLAGVA MLVLLFFICC CTGGTSCFK KCGGCCDDYT GYQELVIKTS HDD

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