

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 ug / peptide as individual peptide and in matrix pools					
Length:	1353 aa					
Sequence:	MFLILLISLP	TAFAVIGDLK	CTSDNINDKD	TGPPPISTDT	VDTVINGLGTY	YVLDRVYLNT
	TLFLNGYYPT	SGSTYRNMAL	KGSVLLSRLW	FKPPFLSDFI	NGIFAKVKNT	KVIKDRVMYS
	EFPAITIGST	FVNTSYSVVV	QPRINSTQD	GDNKLQGLLE	VSVCQYNMCE	YPQTICHPNL
	GNHRKELWHL	DTGVVSCLYK	RNFTYDVNAD	YLYFHFYQEG	GTFYAYFTDT	GVVTKFLFNV
	YLGMAISHYY	VMPLTCNSKL	TLEYWVTPLT	SRQYLLAFNQ	DGIIFNAEDC	MSDFMSEIKC
	KTQSIAPPTG	VYELNGYTVQ	PIADVYRRKP	NLPNCNIEAW	LNDKSVPSPL	NWERKTFSNC
	NFNMSLMSF	IQADSFTCNN	IDAAKIYGMC	FSSITIDKFA	IPNGRKVDLQ	LGNLGYLQSF
	NYRIDTTATS	CQLYYNLPAA	NVSVSRFNPS	TWNKRFGFIE	DSVFKPRPAG	VLTNHDDVYA
	QHCFKAPKNF	CPCKLNGSCV	GSGPGKNNGI	GTCPAGTNYL	TCDNLCTPDP	ITFTGTYSKCP
	QTKSLVGIGE	HCSGLAVKSD	YCGNSCTCR	PQAFLGWSAD	SCLQGDKCNI	FANFILHDVN
	SGLTCSTDLQ	KANTDIILGV	CVNYDLYGIL	GQGIFVEVNA	TYYNSWQNL	YDSNGNLYGF
	RDYIINRTFM	IRSCYSGRVS	AAFHANSSEP	ALLFRNIKCN	YVFNNSLTRQ	LQPINYFDSY
	LGCVVNAYNS	TAISVQTCDL	TVGSGYCVDY	SKNRRSRGAI	TTGYRFTNFE	PFTVNSVNSD
	LEPVGGLYEI	QIPSEFTIGN	MVEFIQTSSP	KVTIDCAAFV	CGDYAACKSQ	LVEYGSFCDN
	INAILTEVNE	LLDFTQLQVA	NSLMNGVTLS	TKLKDGVNFN	VDDINFSPVL	GCLGSECSKA
	SSRSAIEDLL	FDKVKLSDVG	FVEAYNNCTG	GAEIRDICV	QSYKGIKVL	PLLSENQISG
	YTLAATSASL	FPPWTAAGV	PFYLVNQYRI	NGLGVTMDVL	SNQKLIANA	FNNALYAIQE
	GFDATNSALV	KIQAVVNANA	EALNLLQQL	SNRFGAISAS	LQEILSRLDA	LEAEAQIDRL
	INGRLTALNA	YVSQQLSDST	LVKFSAAQAM	EKVNECVKSQ	SSRINFCGNG	NHIISLVQNA
	PYGLYFIHFS	YVPTKYVTAR	VSPGLCIAGD	RGIAPKSGYF	VNVNNTWMT	GSGLYYPEPI
	TENNVVMST	CAVNYTKAPY	VMLNTSIPNL	PDFKEELDQW	FKNQTSVAPD	LSLDYINVT
	LDLQVEMNRL	QEAIKVLNQS	YINLKDIGTY	EYVVKWPWYV	WLLICLAGVA	MLVLLFFICC
	CTGCGTSCFK	KCGGCCDDYT	GYQELVIKTS	HDD		

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