

Product Data Sheet

Product: PepMix HCoV-OC43 (Spike Glycoprotein)
Product code: PM-OC43-S-1
Source: Human Coronavirus (HCoV)
Spike glycoprotein
Protein ID: P36334
Gene ID: S
No. of peptides: 336 peptides - 168+168 (15mers with 11 aa overlap)
Amount: 25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10⁸ cells)
Length: 1353 aa

Sequence:

```
MFLILLISLP TAFAVIGDLK CTSDNINDKD TGPPPISTDT VDV TNGLGTY YVLDRVYLNT
TLFLNGYYPT SGSTYRNMAL KGSVLLSRLW FKPPFLSDFI NGIFAKVKNT KVIKDRVMYS
EFPAITIGST FVNTSYSVVV QPRTINSTQD GDNKLQGLLE VSVCQYNMCE YPQTICHPNL
GNHRKELWHL DTGVVSCLYK RNFTYDVNAD YLYFHFYQEG GTFYAYFTDT GVVTKFLFNV
YLGMA LSHYY VMPLTCNSKL TLEYWVTPLT SRQYLLAFNQ DGIIFNAEDC MSDFMSEIKC
KTQSIAPPTG VYELNGYTVQ PIADVYRRKP NLPNCNIEAW LNDKSVPSPL NWERKTFSNC
NFMSSLSMF IQADSFTCNN IDAAKIYGMC FSSITIDKFA IPNGRKVDLQ LGNLGYLQSF
NYRIDTTATS CQLYYNLPAA NVSVSRFNPS TWNKRFGFIE DSVFKPRPAG VLTNHDVVYA
QHCFKAPKNF CPCKLNGSCV GSGPGKNNGI GTCPAGTNYL TCDNLCTPDP ITFTGTYKCP
QTKSLVGIGE HCSGLAVKSD YCGGNSCTCR PQAFLGWSAD SCLQGDKCNI FANFILHDVN
SGLTCSTD LQ KANTDIILGV CVNYDLYGIL GQGIFVEVNA TYNSWQNL L YDSNGNLYGF
RDYIINRTFM IRSCYSGRVS AAFHANSSEP ALLFRNIKCN YVFNNSLTRQ LQPINYFDSY
LGCVVNAYNS TAISVQTCDL TVGSGYCVDY SKNRRSRGAI TTGYRFTNFE PFTVNSVND S
LEPVGGLYEI QIPSEFTIGN MVEFIQTSSP KVTIDCAAFV CGDYAACKSQ LVEYGSFCDN
INAILTEVNE LLDTTQLQVA NSLMNGVTLS TKLKDGVNFN VDDINFSPVL GCLGSECSKA
SSRSAIEDLL FDKVKLSDVG FVEAYNNCTG GAEIRD LICV QSYKGIKVL P PLLSENQISG
YTLAATSASL FPPWTAAGV PFYLVNQYRI NGLGVTMDVL SQNQKLIANA FNNALYAIQE
GFDATNSALV KIQAVVNANA EALNNLLQQL SNRFGAISAS LQEILSRLDA LEAEAQIDRL
INGRLTALNA YVSQQLS DST LVKFSAAQAM EKVNECVKSQ SSRINFCGNG NHIISLVQNA
PYGLYFIHFS YVPTKYVTAR VSPGLCIAGD RGIAPKSGYF VNVNNTWMYT GSGYYYPEPI
TENNVMVST CAVNYTKAPY VMLNTSIPNL PDFKEELDQW FKNQTSVAPD LSLDYINVTF
LDLQVEMNRL QEAIKVLNQS YINLKDIGTY EYYVKWPWYV WLLICLAGVA MLVLLFFICC
CTGCGTSCFK KCGGCCDDYT GYQELVIKTS HDD
```

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