



PRODUCT DATA SHEET

Product	HCoV-OC43-Peptide-Pool
Product No.	LB01784
Protein ID	P36334 (swiss prot)
No. of peptides	336 peptides (peptide scan 15/11)
Amount	15 nmol (approx. 25ug)/peptide for stimulation of 2,5 x 10 ⁸ cells
Source	Protein name: Spike glycoprotein Gene name: S Organism: Human coronavirus OC43 (HCoV-OC43) Length: 1353 amino acids Sequence: MFLILLISLPTAFAVIGDLKCTSDNINDKDTGPPPISTDTVDVTNGLGTYVVLDRVYLNNTLFLNGYYPT SGSTYRNMALKGSVLLSRLWFKPPFLSDFINGIFAKVKNTKVIKDRVMYSEFFAITIGSTFVNTSYSVVV QPRINSTQDGDNKLQGLLEVSVCQYNMCEYPTICHPNLGNHRKELWHLDTGVVSCLYKRNFTYDVNAD YLYFHFYQEGGTFYAYFTDTGVVTKFLFNVYLGMLSHYYVMPLTCNSKLTLEYWVTPLTRQYLLAFNQ DGIIFNAEDCMSDFMSEIKCKTQSIAPPTGVYELNGYTVQPIADVRRKPNLPNCNIEAWLNDKSVSPFL NWERKTFSNCFNMSLMSFIQADSFTCNNIDAAKIYGMCFSSITIDKFAIPNGRKYVLDLQGLNGLYLSQF NYRIDTTATSCQLYYNLPAANVSVSRFPSTWNKRFGFIEDSVFKPRPAGVLTNHDVVYAQHCCKAPKNE CPCCKLNGSCVGSVGPKNNGIGTCTPAGTNYLTCNDLCTPDPITFTGTGTYKCPQTKSLVGI GEHC SGLAVKSD YCGGNSCTCRPQAFGLWSADSC LQGDKNIFANFILHDVNSGLTCSIDLQKANTDIILGVCVNYDLYGIL GQGI FVEVNATYYNSWQNL LLYDSNGNLYGFRDYIINRTFMIRSCYSGRVSAAFHANSSEPAL LFRN I KCN YVFNNSLTRQLQPINYFDSYLGCVVNAYNSTAI SVQTCDLTVGSGYCVDY SKNRRSRGAIITTYRFTNFE PFTVNSVND SLEPVGGLYEIQIPSEFTIGNMVEFIQTSSPKVTIDCAAFVCGDYAACKSOLVEYGSFCDN INAILTEVNELLDTQLQVANS LMNGVTLSTKLKDG VNFVDDINFSPVLGCLGSECSKASSRSAIEDLL FDKVKLSDVGFVEAYNNCTGGAEIRDLCVQSYKGIKVLPLLSENQISGYTLAATSASLFPWPWTAAGV PFYLVNQYRINGLVGTM DVLSQNQKLIANAFNNALYAIQEGFDATNSALVKIQAVVNANAEALNNLQQL SNRFGAISASLQEI LSRLEAEAEQIDRLINGRLTALNAYVSQQLSDSTLVKFSAAQAMEKVNCEVKSQ SSRINF CGNGNHIISLVQNAPYGLYFIHF SYVPTKYVTARVSPGLCIAGDRGIAPKSGYFVNVNNTWMYT GSGYYP EPI TENNVVMSTCAVNYTKAPYVMLN TSI PNLPDFKEELDQWFKNQTSVAPDLSLDYINVT LDLQVEMNRLQEAIKVLNQSYINLKD IGTYEYVYKWPWYVWLLICLAGVAMLVLLFFICCTGCGTSCFK KCGGCCDDYTG YQELVIKTS HDD
Quality	Each peptide ESI-MS checked, pool is purified by solid phase extraction
Remark	The peptides of this product are supplied as trifluoroacetate salts. This pool consists of 336 peptides. Delivered in two sub pools of 168 & 168 peptides.
Storage	Store dry at -20°C, avoid repeated thawing and freezing
Solubility	Dissolve in a minimum amount of pure DMSO (approx. 40µl) and dilute with water to the desired concentration. Please pay attention that the final concentration of DMSO must be below 1% (v/v) to avoid toxicity in the biological system.