

Product Data Sheet

Product: PepMix HCoV-NL63 (Spike Glycoprotein)
Product code: PM-NL63-S-1
Source: Human Coronavirus (HCoV)
Spike glycoprotein
Protein ID: Q6Q1S2
Gene ID: S
No. of peptides: 337 peptides - 169+168 (15mers with 11 aa overlap)
Amount: 25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10⁸ cells)
Length: 1356 aa

Sequence:

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MKLFLILLVL PLASCFFTCN SNANLSMLQL GVPDNSSTIV TGLLPTHWFC ANQSTSVYSA
NGFFYIDVGN HRSAFALHTG YYDANQYIY VTNEIGLNAS VTLKICKFSR NTTDFLSNA
SSSFDCIVNL LFTEQLGAPL GITISGETVR LHLYNVTRTF YVPAAYKLTG LSVKCYFNYS
CVFSVVNATV TVNVTTTHNGR VVNYTVCDDC NGYTDNIFSV QQDGRIPNGF PFNNWFLLTN
GSTLVDGVSF LYQPLRLTCL WPVPLKSSST GFVYFNATGS DVNCNGYQHN SVVDVMRYNL
NFSANSLDNL KSGVIVFKTL QYDVLVFCNS SSSGVLDTTI PFGPSSQPYY CFINSTINTT
HVSTFVGILP PTVREIVVAR TGQFYINGFK YFDLGFIEAV NFNVTASAT DFWTVAFATF
VDVLVNVSAT NIQNLLYCDL PFEKLQCEHL QFGLQDGFYS ANFLDDNVLP ETYVALPIYY
QHTDINFTAT ASFGGSCYVC KPHQVNISLN GNTSVCVRS HFSIRYIYNR VKSGSPGDSS
WHIYLKSGTC PFSFSKLNNF QKFKTICFST VEVPGSCNFP LEATWHYTSY TIVGALYVTW
SEGNISITGVP YPVSGIREFS NLVLNNCTKY NIYDYVGTGI IRSSNQSLAG GITYVSNSGN
LLGFKNVSTG NIFIVTPCNQ PDQVAVYQOS IIGAMTAVNE SRYGLQNLLO LPNFYVVSNG
GNNCTTAVMT YSNFGICADG SLIPVRPRNS SDNGISAIT ANLSIPSNWT TSVQVEYLQI
TSTPIVVDCA TYVCNGNPRC KNLLKQYTS CKTIEDALRL SAHLETNDVS SMLTFDSNAF
SLANVTSFGD YNLSSVLPQR NIRSSRIAGR SALEDLLFSK VVTSGLGTVD VDYKSCTKGL
SIADLACAQY YNGIMVLPQV ADAERMAMYT GSLIGGMVLG GLTSAAAI PF SLALQARLNY
VALQTDVLQE NQKILAASFN KAINNIVASF SSVNDAITQT AEAIHVTIA LNKIQDVVNQ
QGSALNHLTS QLRHNFQAIS NSIQAIYDRL DSIQADQQVD RLITGRLAAL NAFVSQVLNK
YTEVRGSRRL AQQKINECVK SQSNRYGFCG NGTHIFSIVN SAPDGLLFLH TVLLPTDYKN
VKAWSGICVD GIYGYVLRQP NLVLYSDNGV FRVTSRVMFQ PRLPVLSDFV QIYNCNVTFV
NISRVELHTV IPDYVDVNTK LQEFANLQPK YVKPNFDLTP FNLTYLNLSS ELKQLEAKTA
SLFQTTVELQ GLIDQINSTY VDLKLLNRFE NYIKWPWWVW LIISVVFVVL LSLLVFCCLS
TGCCGCCNCL TSSMRGCCDC GSTKLPYYEF EKVHVQ

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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