

Product Data Sheet

Product: PepMix MERS-CoV (Spike Glycoprotein)
Product code: PM-MERS-CoV-S-1
Source: MERS-CoV (Middle East Respiratory Syndrome-related Coronavirus)
 Spike glycoprotein
Protein ID: K9N5Q8
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:

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MIHSVFLLMF LLTPTESYVD VGPDSVK SAC IEVDIQQTFF DKTWPRPIDV SKADGIIYPQ
GRTYSNITIT YQGLFPYQGD HGDMYVYSAG HATGTTTPQKL FVANYSQDVK QFANGFVVRI
GAAANSTGTV IISPSTSATI RKIYP AFMLG SSVGNFSDGK MGRFFNHTLV LLPDGC GTLL
RAFYCILEPR SGNHCPAGNS YTSFATYHTP ATDCSDGNYN RNASLNSFKE YFNLRNCTFM
YTYNITEDEI LEWFGITQTA QGVHLFSSRY VDLYGGNMFQ FATLPVYDTI KYYSIIPH SI
RSIQSDRKAW AAFYVYKLPQ LTFLLDFSVD GYIRRAIDCG FNDLSQLHCS YESFDVESGV
YSVSSF EAKP SGSVVEQ AEG VECDFSP LLS GTPPQVYNFK RLVFTNCNYN LTKLLSLFSV
NDFTC SQISP AAIASNCYSS LILDYFSYPL SMKSDL SVSS AGPISQFN YK QSF SNPTCLI
LATVPHNLTT ITKPLKYSYI NKCSRFLSDD RTEVPQLVNA NQYSPCVSIV PSTVWEDGDY
YRKQLSPLEG GGWLVASGST VAMTEQLQMG FGITVQYGTD TNSVCPKLEF ANDTKIASQL
GNCVEYSLYG VSGRGV FQNC TAVGVRQQR F VYDAYQNLVG YYSDDGNYYC LRACVSV PVS
VIYDKETKTH ATLF GSVACE HISSTMSQYS RSTRSMLKRR DSTYGPLQTP VGCVLGLVNS
SLFVEDCKLP LGQSLCALPD TPSTLT PRSV RSVPGEMRLA SIAFNHPIQV DQLNSSYFKL
SIPTNF SFGV TQEYIQTTIQ KVTVDCKQYV CNGFQKCEQL LREYGQFCSK INQALHGANL
RQD DSVRNLF ASVKSSQSSP IIPGFGGDFN LTLLEPV SIS TGSRSARSAI EDLLFDKVTI
ADPGYMQGYD DCMQQGPASA RDLICAQYVA GYKVL PPLMD VNMEAA YTSS LLGSIAGVGW
TAGLSSFAAI PFAQSIFYRL NGVGITQQVL SENQKLIANK FNQALGAMQT GFTTTNEAFH
KVQDAVNNNA QALSKLASEL SNTFGAISAS IGDIIQRLDV LEQDAQIDRL INGR LTTLNA
FVAQQ LVRSE SAALSAQLAK DKVNECVKAQ SKRSGFCGQG THIVSFVNA PNGLYFMHVG
YYP SNHIEVV SAYGLCDAAN PTNCIAPVNG YFIKTNNTRI VDEWSYTGSS FYAPEPITSL
NTKYVAPQVT YQNI STNLPP PLLGNSTGID FQDELDEFFK NVSTSI PNFG SLTQINTTLL
DLTYEMLSLQ QVVKALNESY IDLKELGNYT YYNKWPWYIW LGFIAGLVAL ALCVFFILCC
TGCGTNCMGK LKCNRC DRY EEYDLEPHKV HVH
  
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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