

**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 10<sup>8</sup> cells)  
**Length:** 1353 aa

**Sequence:**

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MIHSVFLLMF LLTPTESYVD VGPDSVKSAC IEVDIQQTFE DKTWPRPIDV SKADGIIYPQ
GRTYSNITIT YQGLFPYQGD HGDMYVYSAG HATGTFPQKL FVANYSQDVK QFANGFVVRI
GAAANSTGTV IISPSTSATI RKIYPAFMLG SSVGNFSDGK MGRFFNHTLV LLPDGCGLL
RAFYCILEPR SGNHCPAGNS YTSFATYHTP ATDCSDGNYN RNASLNSFKE YFNLRNCTFM
YTYNITEDEI LEWFGITQTA QGVHLFSSRY VDLYGGNMFQ FATLPVYDTI KYYSIIPHSI
RSIQSDRKAW AAFYVYKLPQ LTFLLDFSVD GYIRRAIDCG FNDLSQLHCS YESFDVESGV
YSVSSFEAKP SGSVVEQAEQ VECDSPPLLS GTPPQVYNFK RLVFTNCNYN LTKLLSLFSV
NDFTCQISP AAIASNCYSS LILDYFSYPL SMKSDLVSSV AGPISQFNKY QSFNSPTCLI
LATVPHNLTT ITKPLKYSYI NKCSRFLSDD RTEVPQLVNA NQYSPCVSIV PSTVWEDGDY
YRKQLSPLEG GGWLVASGST VAMTEQLQMG FGITVQYGTD TNSVCPKLEF ANDTKIASQL
GNCVEYSLYG VSGRQVFNQC TAVGVRQQRV VYDAYQNLVG YYSDDGNYNC LRACVSVVPS
VIYDKETKTH ATLFQVQVCE HISSTMSQYS RSTRMLKRR DSTYGPLQTP VGCVLGLVNS
SLFVEDCKLP LQSLCALPD TPSTLTFRSV RSVPGEMRLA SIAFNHPIQV DQLNSSYFKL
SIPTNFSFGV TQEYIQTITQ KVTVDCKQYV CNGFQKCEQL LREYGFQCSK INQALHGANL
RQDDSVRNLF ASVKSSQSSP IIPGFGGDFN LTLLEPVSIS TGSRSARSAI EDLLFDKVTI
ADPGYMQGYD DCMQQGPASA RDLICAQYVA GYKVLPLPMD VNMEAAYTSS LLGSIAGVGV
TAGLSSFAAI PFAQSIYFRL NGVGIQQVVL SENQKLIANK FNQALGAMQT GFTTTNEAFH
KVQDAVNNA QALSKLASEL SNTFGAISAS IGDIIQRLDV LEQDAQIDRL INGRLLTLNA
FVAQQLVRSE SAALSAQLAK DKVNECVKAQ SKRSGFCGQG THIVSFVVNA PNGLYFMHVG
YYPSNHIEVV SAYGLCDAAN PTNCIAPVNG YFIKTNNTRI VDEWSTGSS FYAPEPITSL
NTKYVAPQVT YQNISTNLPP PLLGNSTGID FQDELDEFFK NVSTSIPNFG SLTQINTTLL
DLTYEMLSLQ QVVKALNESY IDLKELGNYT YYNKWPWYIW LGFIAGLVAL ALCVFFILCC
TGCCTNMGK LKCNRCDDRY EEDYLEPHKV 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**

