

Product Data Sheet

Product:	Epitope Mapping Peptide Set (EMPS) MERS-CoV (Spike Glycoprotein)
Product code:	EMPS-MERS-CoV-S-1
Content:	52 Matrix Pools according to the matrix indicated in annotations. Each peptide is present in two different pools. 336 individual overlapping peptides spanning the whole antigen.
Source:	MERS-CoV (Middle East respiratory syndrome-related coronavirus) Spike glycoprotein
Protein ID:	K9N5Q8
Gene ID:	S
No. of peptides:	336 peptides
Amount:	Approx. 5 ug / peptide as individual peptide and in matrix pools
Length:	1353 aa

Sequence:	MIHSVFLLMF LLTPTESYVD VGPDSVKSAC IEVDIQQTFE DKTWPRPIDV SKADGIIYPQ GRYTSNITIT YQGLFPYQGD HGDYMYVYSAG HATGTPQKL 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 VECDFSPLLS GTPPQVYNFK RLVFTNCNPN LTKLLSLFSV NDFTCQISP AAIASNCYSS LILDYFSYPL SMKSDLVSS AGPISQFNK QFSNPTCLI LATVPHNLT ITKPLKYSYI NKCSRFLSDD RTEVPQLVNA NQYSPCVSIV PSTVWEDGDY YRKQLSPLEG GGWLVASGST VAMTEQLQMG FGITVQYGTD TNSVCPKLEF ANDTKIASQL GNCVEYSLYG VSGRGVFQNC TAVGVRQORF VYDAYQNLVG YYSDDGNYYC LRACVSVVPS VIYDKETKTH ATLFQSVACE HISSTMSQYS RSTRMLKRR DSTYGPLQTP VGCVLGLVNS SLFVEDCKLP LGQSLCALPD TPSTLTPRSV RSVPGEMRLA SIAFNHPIQV DQLNSSFYFKL SIPDNFSGV TQEYIQTTIQ KVTVDCKQYV CNGFQKCEQL LREYGFQCSK INQALHGANL RQDDSVRNLF ASVKSSQSSP IIPGFGGDFN LTLLEPVVIS TGSRSARSAI EDLLFDKVTI ADPGYMQGYD DCMQQGPASA RDLICAQYVA GYKVLPLMD VNMEAAAYTSS LLGSIAGVGV TAGLSSFAAI PFAQSIFYRL NGVGITQQVL SENQKLIANK FNQALGAMQT GFTTTNEAFH KVQDAVNNNA QALSKLASEL SNTFGAISAS IGDIIQRLDV LEQDAQIDRL INGRLLTTLNA FVAQQLVRSE SAALSAQLAK DKVNECVKAQ SKRSGFCGQG THIVSFVVNA PNGLYFMHVG YYPNHIIEV SAYGLCDAAN PTNCIAPVNG YFIKTNNTRI VDEWSTYTGSS FYAPEPITSL NTKYVAPQVT YQNI STNLPP PLLGNSTGID FQDELDEFFK NVSTSI PNFG SLTQINTTLL DLTYEMLSLQ QVVKALNESY IDLDELGNYS YYNKWPWYIW LGFIAGLVAL ALCVFFILCC TGCCTNMGK LKCNRCDDRY EYDLEPHKV HVH
------------------	--

Purity:	crude (major peak by LC-MS is guaranteed to be peptide of interest for each peptide)
Remark:	The peptides of this product are supplied as trifluoroacetate salts.
Storage conditions:	Store at - 20°C
Application protocol:	https://jpt.com/support-contact/resources/application-protocols/

Use recommended within 6 months