

## Product Data Sheet

**Product:** PepStar™ SARS (S protein)  
**Product code:** RT-0033-2  
**Source:** SARS-CoV (Severe acute respiratory syndrome coronavirus)

**Protein ID:** P59594  
**No. of peptides:** 311 peptides (15mers with 11 aa overlap))

**Length:** 1255 aa

**Sequence:**

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MFIFLLFLTL TSGSDLDRCT TFDDVQAPNY TQHTSSMRGV YYPDEIFRSD TLYLTQDLFL
PFYSNVTGFH TINHTFGNPV IPFKDGIYFA ATEKSNVVRG WVFSGSTMNKK SQSVLIINNS
TNVVIRACNF ELCDNPFPAV SKPMGTQHT MIFDNAFNCT FEYISDAFSL DVSEKSGNFK
HLREFVFNK DGFLYVYKGY QPIDVVRDLP SGFNLTLPFI KLPLGINITN FRAILTAFSP
AQDIWGTSA AYFVGYLKP TFMLKYDENG TITDAVDCSQ NPLAELKCSV KSFEIDKGIY
QTSNFRVVPV GDVVRFPNIT NLCPFGEVFN ATKFPVSYAW ERKKISNCVA DYSVLYNSTF
FSTFKCYGVS ATKLNLDLCS NVYADSFVVK GDDVRQIAPG QTGVIADYNY KLPDDFMGCV
LAWNTRNIDA TSTGNYNKY RYLRHGKLRP FERDISNVPF SPDGKPCPTP ALNCYWPLND
YGFYTTTGIG YQPYRVVLS FELLNAPATV CGPKLSTDLI KNQCVNFNFN GLTGTGVLTP
SSKRFQPFQ FGRDVSDFTD SVRDPKTSEI LDISPCSFGG VSVITPGTNA SSEVAVLYQD
VNCTDVSTAI HADQLTPAWR IYSTGNNVFQ TQAGCLIGAE HVDTSYECDI PIGAGICASY
HTVSLLRSTS QKSIVAYTMS LGADSSIAYS NNTIAIPTNF SISITTEVMP VSMAKTSVDC
NMYICGDSTE CANLLLQYGS FCTQLNRALS GIAAEQDRNT REVFAQVKQM YKTPTLKYFG
GFNFSQILPD PLKPTKRSFI EDLLFNKVTL ADAGFMKQYG ECLGDINARD LICAQKFNGL
TVLPPLTDD MIAAYTAALV SGTATAGWTF GAGAALQIPF AMQMAYRFNG IGVTQNVLYE
NQKQIANQFN KAISQIQESL TTTSTALGKL QDVVNQNAQA LNTLVKQLSS NFGAISSVLN
DILSRDLKVE AEVQIDRLIT GRLQSLQTYV TQQLIRAAEI RASANLAATK MSECVLGQSK
RVDFCGKGYH LMSFPQAAPH GVVFLHVTVV PSQERNFTTA PAICHEGKAY FPREGVVFVN
GTSWFITQRN FFSFQIITTD NTFVSGNCDV VIGIINNTVY DPLQPELDSF KEELDKYFKN
HTSPDVLGD ISGINASVVN IQKEIDRLNE VAKNLNESLI DLQELGKYEQ YIKWPWYVWL
GFIAGLIAIV MVTILLCCMT SCCSCLKGAC SCGSCCKFDE DDSEPVKGV KLHYT

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**Specifications:** Microarray glass slide, 1"x3" (2.5 x 7.5cm)

**Layout:** Peptides are printed in 21 mini arrays. An exemplary view is shown below. For layout details please refer to .gal-file enclosed to shipment or contact customer support.

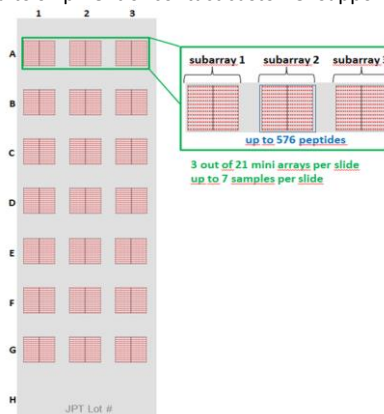


figure 1: Multiwell array format: 21 mini arrays per slide. Each mini array displays all peptides in one individual spot

**Storage conditions:** Store reffridgerated at 4°C