

## Product Data Sheet

**Product:** PepStar™ Human (Melanocyte protein Pmel 17 gp100)

**Product code:** RT-GP100-2

**Source:** Homo sapiens (Human)

**Protein ID:** P40967

**No. of peptides:** 163 peptides (15mers with 11 aa overlap))

**Length:** 661 aa

**Sequence:**

MDLVLRKRL	HLAVIGALLA	VGATKVPNRQ	DWLGVSRLR	TKAWNRQLYP	EWTEAQRLLC
WRGGQVSLKV	SNDGPTLIGA	NASFSIALNF	PGSQKVLDPG	QVIWVNTTII	NGSQVWGGQP
VYPQETDDAC	IFPDGGPCPS	GSWSQKRSEV	YVWKTWQQYW	QVLGGPVSGL	SIGTGRAMLG
THTMEVTVYH	RRGSRSYVPL	AHSSSAFTIT	DQVPFSVSVS	QLRALDGGNK	HFLRNQPLTF
ALQLHDPSGY	LAEADLSYTW	DFGDSSGTLI	SRALVVTHTY	LEPGPVTAQV	VLQAAIPLTS
CGSSPVPGTT	DGHRPTAEAP	NTTAGQVPTT	EVVGTTPGQA	PTAEPSGTTT	VQVPTTEVIS
TAPVQMPTAE	STGMTPEKVP	VSEVMGTTLA	EMSTPEATGM	TPAEVSIVVL	SGTTAAQVTT
TEWVETTARE	LPIPEPEGPD	ASSIMSTESI	TGSLGPLLDG	TATLRLVKRQ	VPLDCVLYRY
GSFSVTLDIV	QGIESAEILQ	AVPSGEGDAF	ELTVSCQGGL	PKEACMEISS	PGCQPPAQR
CQPVLPSAPC	QLVLHQILKG	GSPTYCLNVS	LADTNSLAVV	STQLIMPGQE	AGLQVPLIV
GILLVLMMAV	LASLIYRRRL	MKQDFSVPL	PHSSSHWLRL	PRIFCSCPIG	ENSPLLSGQQ

V

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

**Layout:** Peptides are printed in 21 mini arrays (3 subarrays each). An exemplary view is shown below. For layout details please refer to .gal-file enclosed to shipment or contact customer support.

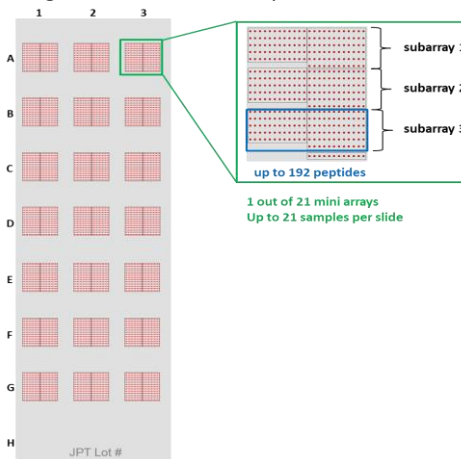


figure 1: Multiwell array format: 21 mini arrays per slide. Each mini array displays all peptides in triplicates

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