

## Product Data Sheet

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

**Product code:** RT-GP100-1

**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	EWTEAQRLLDC
WRGGQVSLKV	SNDGPTLIGA	NASFSIALNF	PGSQKVLDPG	QVIWVNNTII	NGSQVWGGQP
VYPQETDDAC	IFPDGGPCPS	GSWSQKRSEV	YVWKTWGQYW	QVLGGPVSGL	SIGTGRAMLG
THTMEVTVYH	RRGSRYSVPL	AHSSSAFTIT	DQVPFSVSVS	QLRALDGGNK	HFLRNQPLTF
ALQLHDPSGY	LAEADLSYTW	DFGDSSGTLI	SRALVVTHTY	LEPGPVTAQV	VLQAAIPLTS
CGSSPVPGTT	DGHRPTAEAP	NTTAGQVPTT	EVVGTTPGQA	PTAEPSTTS	VQVPTTEVIS
TAPVQMPTAE	STGMTPEKVP	VSEVMGTTLA	EMSTPEATGM	TPAEVSIVVL	SGTTAAQVTT
TEWVETTARE	LPIPEPEGPD	ASSIMSTESI	TGSLGPLLDG	TATLRLVKRQ	VPLDCVLYRY
GSFSVTLDIV	QGIESAEILQ	AVPSGEGDAF	ELTVSCQGGL	PKEACMEISS	PGCQPPAQR
CQPVLPSAPC	QLVLHQILKG	GSPTYCLNVS	LADTNSLAVV	STQLIMPGQE	AGLGQVPLIV
GILLVLMMAV	LASLIYRRRL	MKQDFSVPQL	PHSSSHWLRL	PRIFCSCPIG	ENSPLLSGQQ
V					

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

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

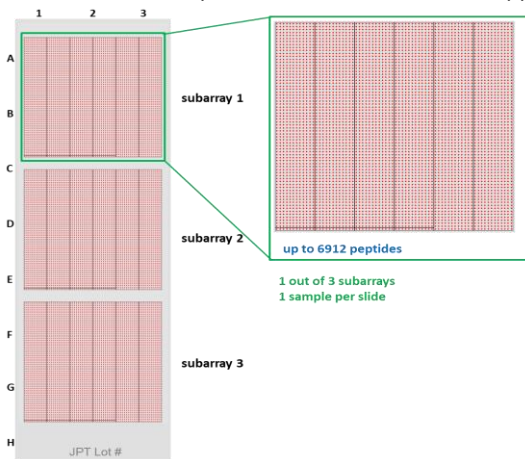


figure 1: Standard array format: Microarray displays all peptides in triplicates (1 spot per subarray)

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