## think peptides

Product Sheet PX-PSA

Product	ProMix <sup>™</sup> PSA Peptide Pool	
No. of Peptides	9 peptides	
Quantity	approx. 25 µg / peptide	
Description	This pool consists of 9 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from prostate specific antigen (PSA).	
Sequences	see overleaf	
Purity (HPLC)	<b>Purity (HPLC)</b> >90% (determined at 220 nm; individual peptides)	
Remark	<b>nark</b> The peptides of this product are supplied as trifluoroacetate salts	
Storage	orage Store at - 20°C	
Solubilization	Dissolve in a minimum amount of pure DMSO (approx. 40 $\mu$ l) and dilute with PBS buffer to the final concentration. Please note that the final concentration of DMSO must be below 1 % (v/v) to avoid toxicity in a biological system.	

Use recommended within 6 months.

**Released by:** (dated as per product label above)

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## Sequences:

Peptide	Sequence	Epitope Source	HLA Allele Restriction
1	VSHSFPHPLY	PSA 68-77	A*01:01
2	FLTPKKLQCV	PSA 141-150	A*02:01
3	KLQCVDLHV	PSA 146-154	A*02:01
4	VISNDVCAQV	PSA 154-163	A*02:01
5	YISNDVCAQV	PSA 154-163 (mod)	A*02:01
6	QVHPQKVTK	PSA 162-170	A*03:01
7	CYASGWGSI	PSA 153-161	A*24:02
8	HYRKWIKDTI	PSA 248-257	A*24:02
9	GAAPLILSR	PSA 16-24	A11, A31, A33

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