

Product	ProMix™ CMV Peptide Pool
No. of peptides	14 peptides
Quantity	approx. 25 µg / peptide
Description	This pool consists of 14 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from cytomegalovirus (CMV).
Sequences	<i>see overleaf</i>
Purity (HPLC)	>90% (determined at 220 nm; individual peptides)
Remark	The peptides of this product are supplied as trifluoroacetate salts
Storage	Store at - 20°C
Solubilization	Dissolve in a minimum amount of pure DMSO (approx. 40 µl) 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)

Sequences:

Peptide	Sequence	Epitope Source	HLA Allele Restriction
1	VTEHDTLLY	HCMV pp50 ₂₄₅₋₂₅₃	A*01:01
2	YSEHPTFTSQY	HCMV pp65 ₃₆₃₋₃₇₃	A*01:01
3	NLVPMVATV	HCMV pp65 ₄₉₅₋₅₀₄	A*02:01
4	VLAELVKQI	HCMV IE1 ₈₁₋₈₉	A*02:01
5	VLEETSVML	HCMV IE1 ₃₁₆₋₃₂₄	A*02:01
6	KLGGALQAK	HCMV IE1 ₁₈₄₋₁₉₂	A*03:01
7	QYDPVAALF	HCMV pp65 ₃₄₁₋₃₄₉	A*24:02
8	VYALPLKML	HCMV pp65 ₁₁₃₋₁₂₁	A*24:02
9	RPHERNGFTVL	HCMV pp65 ₂₆₅₋₂₇₅	B*07:02
10	TPRVTGGGAM	HCMV pp65 ₄₁₇₋₄₂₆	B*07:02
11	QIKVRVDMV	HCMV IE1 ₈₈₋₉₆	B*08:01
12	SDEEEAIVAYTL	HCMV IE1 ₃₇₈₋₃₈₉	B18
13	EFFWDANDIY	HCMV pp65 ₅₁₂₋₅₂₁	B27
14	IPSINVHYY	HCMV pp65 ₁₂₃₋₁₃₁	B*35:01

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