

Product	ProMix™ EBV Peptide Pool
No. of peptides	26 peptides
Quantity	approx. 25 µg / peptide
Description	This pool consists of 26 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from Epstein-Barr virus (EBV).
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	CLGGLLTMV	EBV LMP 2 ₄₂₆₋₄₃₄	A*02:01
2	GLCTLVAML	EBV BMLF 1 ₂₅₉₋₂₆₇	A*02:01
3	FLDKGTYTL	EBV BALF 4 ₂₇₆₋₂₈₄	A*02:01
4	FLYALALLL	EBV LMP 2 ₃₅₆₋₃₆₄	A*02:01
5	YLLEMLWRL	EBV LMP 1 ₁₂₅₋₁₃₃	A*02:01
6	RVRAYTYSK	EBV BRLF 1 ₁₄₈₋₁₅₆	A3
7	RLRAEAQVK	EBV EBNA 3A ₆₀₃₋₆₁₁	A*03:01
8	ATIGTAMYK	EBV BRLF 1 ₁₃₄₋₁₄₂	A11
9	AVFDRKSDAK	EBV EBNA 3B ₃₉₉₋₄₀₈	A11
10	IVTDFSVIK	EBV EBNA 4 ₄₁₆₋₄₂₄	A11
11	SSCSSCPLSK	EBV LMP 2 ₃₄₀₋₃₄₉	A*11:01
12	DYCNVLNKEF	EBV BRLF 1 ₂₈₋₃₇	A24
13	PYLFWLAAI	EBV LMP 2 ₁₃₁₋₁₃₉	A*24:02
14	TYGPVFMCL	EBV LMP 2 ₄₁₉₋₄₂₇	A*24:02
15	TYGPVFMSL	EBV LMP 2 ₄₁₉₋₄₂₇	A*24:02
16	RPPIFIRRL	EBV EBNA 3A ₂₄₇₋₂₅₅	B*07:02
17	QPRAPIRPI	EBV EBNA 3C ₈₈₁₋₈₈₉	B*07:02
18	FLRGRAYGL	EBV EBNA 3A ₁₉₃₋₂₀₁	B*08:01
19	RAKFKQLL	EBV BZLF 1 ₁₉₀₋₁₉₇	B*08:01
20	RRIYDLIEL	EBV EBNA 3C ₇₉₋₈₇	B27
21	YPLHEQHGM	EBV EBNA 3A ₄₅₈₋₄₆₆	B35
22	EPLPQGQLTAY	EBV BZLF 1 ₅₄₋₆₄	B*35:01
23	HPVGEADYFEY	EBV EBNA 1 ₄₀₇₋₄₁₇	B*35:01
24	IEDPPFNSL	EBV LMP 2 ₂₀₀₋₂₀₈	B*40:01
25	EENLLDFVRF	EBV EBNA 3C ₁₀₂₋₁₁₁	B44
26	QAKWRLQTL	EBV EBNA 3A ₁₅₈₋₁₆₆	B8

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