

Product	ProMix™ HIV Peptide Pool
No. of peptides	22 peptides
Quantity	approx. 25 µg / peptide
Description	This pool consists of 22 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from human immunodeficiency virus (HIV).
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	GLADQLIHL	HIV-1 Vif ₁₀₁₋₁₀₉	A*02:01
2	ILKEPVHGV	HIV-1 RT ₄₇₆₋₄₈₄	A*02:01
3	KLTPLCVTL	HIV-1 Env gp120 ₉₀₋₉₈	A*02:01
4	LTFGWCFKL	HIV-1 Nef ₁₃₇₋₁₄₅	A*02:01
5	SLYNTVATL	HIV-1 Gag p17 ₇₆₋₈₄	A*02:01
6	TLNAWVKVV	HIV-1 Gag p24 ₁₉₋₂₇	A*02:01
7	QVPLRPMTYK	HIV-1 Nef ₇₃₋₈₂	A*03:01
8	RLRPGGKKK	HIV-1 Gag p17 ₁₉₋₂₇	A*03:01
9	RYLKDQQLL	HIV-1 Gag gp41 ₆₇₋₇₅	A*24:02
10	RYPLTFGWCY	HIV-1 Nef ₁₃₄₋₁₄₃	A*24:02
11	GPGHKARVL	HIV-1 Gag p24 ₂₂₃₋₂₃₁	B*07:02
12	IPRRIRQGL	HIV-1 Env gp120 ₈₄₈₋₈₅₆	B*07:02
13	TPGPGVRYPL	HIV-1 Nef ₁₂₈₋₁₃₇	B*07:02
14	FLKEKGGL	HIV-1 Nef ₉₀₋₉₇	B*08:01
15	GEIYKRWII	HIV-1 Gag p24 ₂₆₁₋₂₆₉	B*08:01
16	RLRPGGKKKY	HIV-1 p17 ₂₀₋₂₉	B*15:01
17	GRAFVTIGK	HIV-1 gp100 ₁₀₃₋₁₁₁	B*27:05
18	KRWIILGLNK	HIV-1 Gag p24 ₂₆₅₋₂₇₄	B*27:05
19	KRWIIMGLNK	HIV-1 Gag p24 ₂₆₃₋₂₇₂	B*27:05
20	NPDIVIYQY	HIV-1 RT ₃₂₈₋₃₃₆	B*35:01
21	VPLDEDFRKY	HIV-1 RT ₂₇₃₋₂₈₂	B*35:01
22	KEKGGLEGL	HIV-1 Nef ₉₂₋₁₀₀	B*40:01

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