

Product	ProMix™ HCV Peptide Pool
No. of peptides	21 peptides
Quantity	approx. 25 µg / peptide
Description	This pool consists of 21 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from Hepatitis C virus (HCV).
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	ATDALMTGF	HCV NS3 ₁₄₃₆₋₁₄₄₄	A*01:01
2	ATDALMTGY	HCV NS3 ₁₄₃₅₋₁₄₄₃	A*01:01
3	ALYDVVTKL	HCV NS5B ₂₅₉₄₋₂₆₀₂	A*02:01
4	CINGVCWTV	HCV NS3 ₁₀₇₃₋₁₀₈₁	A*02:01
5	CVNGVCWTV	HCV NS3 ₁₀₇₃₋₁₀₈₁	A*02:01
6	DLMGYIPAV	HCV core ₁₃₂₋₁₄₀	A*02:01
7	DLMGYIPLV	HCV core ₁₃₂₋₁₄₀	A*02:01
8	GLQDCTMLV	HCV NS5B ₂₇₂₇₋₂₇₃₅	A*02:01
9	KLSGLGINAV	HCV NS3 ₁₄₀₆₋₁₄₁₅	A*02:01
10	KLVALGINAV	HCV NS3 ₁₄₀₆₋₁₄₁₅	A*02:01
11	LLFNILGGWV	HCV NS4B ₁₈₀₇₋₁₈₁₆	A*02:01
12	VLSDFKTWL	HCV NS5A ₁₉₈₇₋₁₉₉₅	A*02:01
13	YLLPRRGPRL	HCV core ₃₅₋₄₄	A*02:01
14	RVCEKMALY	HCV NS5B ₂₅₈₈₋₂₅₉₆	A*03:01
15	AYSQQTRGL	HCV NS3 ₁₀₃₁₋₁₀₃₉	A*24:02
16	DPRRRSRNL	HCV core ₁₁₁₋₁₁₉	B*07:02
17	GPRLGVRAT	HCV core ₄₁₋₄₉	B*07:02
18	HSKKKCDEL	HCV NS3 ₁₃₉₅₋₁₄₀₃	B*08:01
19	CPNSSIVY	HCV E1 ₂₀₇₋₂₁₄	B*35:01
20	HPNIEEVAL	HCV NS3 ₁₃₅₉₋₁₃₆₇	B*35:01
21	REISVPAEIL	HCV NS5A ₂₂₆₆₋₂₂₇₅	B*40:01

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