

Product	ProMix™ RSV Peptide Pool
No. of peptides	28 peptides
Quantity	approx. 25 µg / peptide
Description	This pool consists of 28 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from Respiratory Syncytial Virus (RSV).
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	RELPRFMNYT	RSV (A2) fusion glycoprotein F0 precursor ₁₀₉₋₁₁₈	A*01:01
2	YLEKESIYY	RSV MP ₂₂₉₋₂₃₇	A*01:01
3	AITTIILAAV	RSV Fusion protein ₁₀₋₁₈	A*02:01
4	ALLSTNKAV	RSV Fusion protein ₁₇₀₋₁₇₈	A*02:01
5	ELDKYKNAV	RSV Fusion protein ₈₂₋₉₀	A*02:01
6	FLLGVGSAI	RSV Fusion protein ₁₄₀₋₁₄₈	A*02:01
7	FMNYTLNNT	RSV Fusion protein ₁₁₄₋₁₂₂	A*02:01
8	HLEGEVNKI	RSV Fusion protein ₁₅₉₋₁₆₇	A*02:01
9	KIMTSKTDV	RSV Fusion protein ₃₉₄₋₄₀₂	A*02:01
10	KINQSLAFI	RSV Fusion protein ₄₉₈₋₅₀₆	A*02:01
11	KLMSNNVQI	RSV Fusion protein ₂₇₂₋₂₈₀	A*02:01
12	KMLKEMGEV	RSV NP ₁₃₇₋₁₄₅	A*02:01
13	KVLDLKNYI	RSV Fusion protein ₁₉₁₋₁₉₉	A*02:01
14	LLSLIAVGL	RSV Fusion protein ₅₃₈₋₅₄₆	A*02:01
15	LLSTNKAVV	RSV Fusion protein ₁₇₁₋₁₇₉	A*02:01
16	LMSNNVQIV	RSV Fusion protein ₂₇₃₋₂₈₁	A*02:01
17	QLLSSSKYT	RSV NP ₁₆₋₂₄	A*02:01
18	SLIAVGLLL	RSV Fusion protein ₅₄₀₋₅₄₈	A*02:01
19	SLSNGVSVL	RSV Fusion protein ₁₈₀₋₁₈₈	A*02:01
20	STNKAVVSL	RSV Fusion protein ₁₇₃₋₁₈₁	A*02:01
21	SVGNTLYYV	RSV Fusion protein ₄₅₁₋₄₅₉	A*02:01
22	YMLTNSSELL	RSV Fusion protein ₂₅₀₋₂₅₈	A*02:01
23	RLPADVLKK	RSV MP2 ₁₅₁₋₁₅₉	A*03:01
24	NPKASLLSL	RSV NP ₃₀₆₋₃₁₄	B*07:02
25	QVMLRWGVL	RSV NP ₂₅₅₋₂₆₃	B*08:01
26	AELDRTEEY	RSV MP2 ₆₄₋₇₂	B44
27	RARRELPRF	RSV Fusion glycoprotein F0 precursor ₁₀₆₋₁₁₄	B57
28	IAVGLLLLYC	RSV Fusion glycoprotein F0 precursor ₅₄₂₋₅₅₀	Cw12

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