

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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