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| Product | ProMix™ Influenza Peptide Pool |
| No. of Peptides | 17 peptides |
| Quantity | approx. 25 µg / peptide |
| Description | This pool consists of 17 peptides, each corresponding to a defined HLA class I-restricted T cell epitope from influenza. |
| 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 | ILGFVFTLTV | Influenza A MP ₅₉₋₆₈ | A*02:01 |
| 2 | ILRGSVAHK | Influenza A (PR8) NP ₂₆₅₋₂₇₄ | A*03:01 |
| 3 | KSMREEYRK | Influenza A MP2 ₇₀₋₇₈ | A*11:01 |
| 4 | RMVLASTTAK | Influenza A MP1 ₁₇₈₋₁₈₇ | A*11:01 |
| 5 | QPEWFERNVL | Influenza A PB1 ₃₂₉₋₃₃₇ | B*07:02 |
| 6 | SPIVPSFDM | Influenza A NP ₄₇₃₋₄₈₁ | B*07:02 |
| 7 | CTELKLSDY | Influenza A (PR8) NP ₄₄₋₅₂ | A1 |
| 8 | VSDGGPNLY | Influenza A PB1 ₅₉₁₋₅₉₉ | A1 |
| 9 | FMYSDFHFI | Influenza A polymerase ₂₉₋₃₇ | A2 |
| 10 | GILGFVFTL | Influenza A MP ₅₈₋₆₆ | A2 |
| 11 | RVLSFIKGTK | Influenza NP ₃₄₂₋₃₅₁ | A3 |
| 12 | SIIPSGPLK | Influenza A MP ₁₃₋₂₁ | A3, A11, A*68:01 |
| 13 | KTGGPIYKR | Influenza NP ₉₁₋₉₉ | A68 |
| 14 | ASCMGLIY | Influenza A MP ₄₋₁₁ | B27 |
| 15 | SRYWAIRTR | Influenza A NP ₃₈₃₋₃₉₁ | B*27:05 |
| 16 | LPFDKTTVM | Influenza NP ₄₁₈₋₄₂₆ | B7 |
| 17 | ELRSRYWAI | Influenza NP ₂₋₁₀ | B8 |

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