MELK EPITOPE PEPTIDES AND VACCINES CONTAINING THE SAME

Abstract

According to the present invention, peptides having the amino acid sequence of SEQ ID NOs: 14, 21, 23, 27, 36, 46, 57, 60 and 62 were demonstrated to have cytotoxic T lymphocyte (CTL) inducibility. Therefore, the present invention provides a peptide having the amino acid sequence selected from among SEQ ID NOs: 14, 21, 23, 27, 36, 46, 57, 60 and 62. The peptide can include one, two, or several amino acid substitutions, deletions, insertions, or additions so long as its CTL inducibility is retained. Furthermore, the present invention provides pharmaceutical agents for the treatment and/or prophylaxis of cancers, and/or prevention of postoperative recurrence thereof, which contain any of these peptides. Pharmaceutical agents of this invention include vaccines.

(No suitable figure)