Peptide Vaccines For Cancers Expressing Tumor-Associated Antigens

Abstract

The present invention provides peptides having an amino acid sequence as set forth in SEQ ID NO: SEQ ID NO: 19, 22, 30, 34, 344, 358, 41, 44, 46, 48, 78, 376, 379, 80, 100, 101, 110, 111, 387, 112, 394, 114, 116, 117, 121, 395, 133, 135, 137, 426, 174, 178, 186, 194, 196, 202, 210, 213, 214, 217, 223, 227, 228, 233, 254, 271, 272 or 288, as well as peptides having the above-mentioned amino acid sequences in which 1, 2, or several (e.g., up to 5) amino acids are substituted, deleted, or added, provided the peptides possess cytotoxic T cell inducibility. The present invention also provides drugs for treating or preventing a disease associated with over-expression of the CDH3, EPHA4, ECT2, HIG2, INHBB, KIF20A, KNTC2, TTK and/or URLC10, e.g. cancers containing as an active ingredient one or more of these peptides. The peptides of the present invention find further utility as vaccines.

No suitable figure.