

[Open Peer Review on Qeios](#)

# DEPDC1/MPHOSH1 Peptide Vaccine

National Cancer Institute

## Source

National Cancer Institute. *DEPDC1/MPHOSH1 Peptide Vaccine*. NCI Thesaurus. Code C74023.

A cancer vaccine containing HLA-A\*2402-restricted epitopes derived from DEP domain containing 1 (DEPDC1) and M phase phosphoprotein 1 (MPHOSPH1) with potential immunostimulatory and antineoplastic activities. Upon administration, DEPDC1/MPHOSH1 peptide vaccine may elicit a specific cytotoxic T lymphocyte (CTL) response against tumor cells expressing DEPDC1 and MPHOSPH1, tumor antigens that are overexpressed in bladder cancer cells.