

产品名称 : HPV16 E7 (86-93) (TFA)

同义词 : ——

产品货号 : M30224

CAS Number : ——

分子式 : C39H67F3N8O12S

分子量 : 929.06

化学全名 : Sequence:{Thr}{Leu}{Gly}{Ile}{Val}{Cys}{Pro}{Ile}

产品描述 : HPV16 E7 (86-93) TFA is a human leukocyte antigen (HLA)-A2.1 restricted HPV16 E7-derived peptide.(In Vitro):HPV16 E7 (86-93) specific T cells are expandable upon IVS (in vitro stimulation) with cognate peptide-pulsed dendritic cells (DCs) and are reactive against peptide-pulsed targets or, in case of the E711-20 epitope-specific T cells, against HPV16 E7 expressing CaSki cell line. For peptide HPV16 E7 (86-93), the only response against K562 cells pulsed with the corresponding peptide was significantly blocked by anti-HLA class I Ab w6/32, which was not the case for HPV16 E7 expressing tumor cell line CaSki. Precursor T cells specific for HPV16 E7 (86-93) peptide is able to differentiate, at least in vitro, into HPVspecific effector cells. HPV16 E7 peptide-loaded autologous dendritic cells (DCs) are able to stimulate a specific cytotoxic CD8+ T-cell response.(In Vivo):HPV16 E7 (86-93) peptide in IVS culture has specific T cell expansion. The HPV16 E7 (86-93) specific T cells produced does not recognize naturally HPV16 E7 expressing cell line CaSki. HPV16 E7 (86-93) peptides also has similar observations in transgenic mice. The HPV16 E7 (86-93) peptide is able to induce cytotoxic T lymphocyte (CTL) responses if loaded on the antigen presenting HLA class I molecules, but that the peptide appears not to be processed or presented by HPV16 infected cells.

通路 : Others

靶点 : Other Targets

受体 : ——

溶解度 : ——

SMILES : ——

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

Hoffmann TK, et al. T cells specific for HPV16 E7 epitopes in patients with squamous cell carcinoma of the oropharynx. Int J Cancer. 2006 Apr 15;118(8):1984-91.

仅限科学研究使用，不得用于人体。