

HHV6 ImmuneSelect Peptide Pool

Product Description

Description

The HHV6 peptide pool contains 42 peptides from betaherpesvirus 6A (HHV-6A) and human betaherpesvirus 6B (HHV-6B), derived from the following proteins:

- Envelope glycoprotein B
- Envelope glycoprotein H
- Large structural phosphoprotein
- Large tegument protein deneddylase
- Major capsid protein
- Phosphoprotein 85
- Phosphoprotein 86
- Protein U54
- Protein U63
- Putative OX-2 membrane glycoprotein homolog (U85)

The peptide sequences are a mixture of MHC class-I & II epitopes. The purity of each peptide is $\geq 95\%$ (HPLC-MS).

Application

The in-vitro stimulation of Peripheral Blood Mononuclear Cells (PBMCs) with HHV6 ImmuneSelect Peptide Pool activates memory T cells specific to the virus, leading to cytokine secretion and the increased expression of specific surface markers.

Specifications

ImmuneSelect Product HHV6 ImmuneSelect Peptide Pool

Amount 7 nmol/peptide (approx. 11.6 ug), for the stimulation of up to 1.10^8 cells

Purity $\geq 90\%$ (HPLC-MS)

Presentation Freeze-dried in a glass vial

Shipping and Storage Store at $-20\text{ }^{\circ}\text{C}$ or below