

## Human Cytomegalovirus (CMV) ImmuneSelect Peptide Pool

### Product Description

#### Description

Human CMV ImmuneSelect is a peptide pool composed of 37 peptides that cover MHC-I restricted epitopes of CMV (or Human herpesvirus 5), derived from the following proteins:

- IE1
- pp65
- UL123

The purity of each peptide is  $\geq 95\%$  (HPLC-MS).

#### Application

The in-vitro stimulation of Peripheral Blood Mononuclear Cells (PBMCs) with CMV 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 Human CMV 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                               |