

CMV Pp28

Description: The E.Coli derived recombinant protein contains the CMV Pp28 (UL99) immunodominant regions, 130-160 amino acids.

Catalog #: CMPS-219

Purity: CMV Pp28 protein is >95% pure as determined by 10% PAGE (coomassie staining).

For research use only.

Purification Method:

CMV Pp28 was purified by proprietary chromatographic technique.

Specificity:

Immunoreactive with sera of CMV-infected individuals.

Formulation:

25mM Tris-Hcl pH 7.2, 1mM EDTA and 50% glycerol.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

CMV Pp28 antigen is suitable for ELISA and Western blots, excellent antigen for detection of CMV with minimal specificity problems.

Introduction:

The human cytomegalovirus UL99-encoded pp28 is a myristylated phosphoprotein that is a constituent of the virion. The pp28 protein is positioned within the tegument of the virus particle, a protein structure that resides between the capsid and envelope. In the infected cell, pp28 is found in a cytoplasmic compartment derived from the Golgi apparatus, where the virus buds into vesicles to acquire its final membrane.

Storage:

CMV Pp28 protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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