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# Certificate of Analysis and Data Sheet

## Recombinant Cytomegalovirus pP28 (UL99)

**Catalog No.**  
228-10256

**Source**  
*E. Coli*

### ***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.

### ***Description***

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

### ***Purification Method***

CMV Pp28 was purified by proprietary chromatographic technique.

### ***Purity***

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

### ***Formulation***

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

### ***Storage***

CMV Pp28 protein is shipped at ambient temperature. Upon arrival, Store at -20°C .

### ***Stability***

Five years frozen. One month in solution at room temperature.

### ***Specificity***

Immunoreactive with sera of CMV-infected individuals.

### ***Applications***

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

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**