
Product Data Sheet

□ Cat # RP-1065

Recombinant Cytomegalovirus pp28 (UL99)

Size: □ 100 ug

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. Immunoreactive with sera of CMV-infected individuals.

Source: The E.Coli derived recombinant protein contains the CMV Pp28 (UL99) immunodominant regions, 130-160 amino acids. 25mM Tris-Hcl pH 8.0, 1mM EDTA and 50% glycerol. CMV Pp28 was purified by proprietary chromatographic technique.

Applications and Suggested Dilutions: CMV Pp28 protein is >95% pure as determined by 10% PAGE (coomassie staining).CMV Pp28 was purified by proprietary chromatographic technique. CMV Pp28 antigen is suitable for ELISA and Western blots, excellent antigen for detection of CMV with minimal specificity problems. Users must optimize the appropriate concentration and conditions for each assay.

Storage and Stability: CMV Pp28 protein is shipped at ambient temperature. Upon arrival, Store at -20°C. Five years frozen. One month in solution at room temperature. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

Specificity:
Immunoreactive with sera of CMV-infected individuals.

Usage:

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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