pp150 (UL32)

Datasheet, Version 2/2016

protean
Forefront of Biotechnology

Catalog #	1227
Synonyms	pp65, UL83
Type	Recombinant
Source	E. coli
Species	HCMV
Tag	GST
Form	Liquid
Purity	>95% by SDS PAGE
Shipping	Ice pack

Introduction

HCMV pp150 (UL32)is major envelope glycoprotein, which acts as transcriptional activator and is ssential for progression beyond the immediate-early phase of infection.

Description

Cytomegalovirus is a member of the herpes viruses. These viruses share a characteristic ability to remain dormant within the body over a long period. CMV viral genes are coordinately expressed in groups at various times after infection. Early viral proteins are expressed in the nucleus of infected cells within 3 to 24 hours of infection prior to viral replication. This is followed by expression of the early intermediate genes, which encode enzymes required for viral DNA replication. After 48 to 72 hours, a number of late viral antigens may be detected in the nuclei and cytoplasm of infected cells.

Application

ELISA, Western blot, LIA, Protein arrays

Purification method

Affinity chromatography.

Formulation

Buffer containing 10mM glutathione. Protein conc. 0.5 mg/ml.

Specificity

Highly immunoreactive fusion protein containing pp150 epitopes from immunodominant regions aa 595-614 and aa 1006-1048.

Storage

-80C. Aliquot upon arrival.

Analyte specific reagent (ASR) manufactured under ISO 13485.
Country of origin: Czech Republic

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