pp65 (UL83)

Datasheet, Version 2/2016

protean
Forefront of Biotechnology

Catalog #	1177
Synonyms	pp65, UL83
Type	Recombinant
Source	E. coli
Species	HCMV
Tag	GST
Form	Liquid
Purity	>95% by SDS PAGE
Shipping	Ice pack

Introduction

HCMV pp65 is the most abundant late antigen of the cytomegalovirus 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. pp65 is a 65kD phosphorylated glycoprotein and is the most abundant of the late antigens.

Application

ELISA, Western blot, LIA, Protein arrays

Purification method

Affinity chromatography.

Formulation

50mM Tris pH 7,5, 150mM NaCl, 1 mM EDTA, 5 mM DTT, 30% glycerol, may contain traces of glutathion. Protein conc. 1 mg/ml.

Specificity

Highly immunoreactive protein containing pp65 epitopes from immunodominant region aa 297-510.

Storage

-80C. Aliquot upon arrival.

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

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