Product datasheet

Recombinant Cytomegalovirus pp65 protein ab43041

Overview

Product name: Recombinant Cytomegalovirus pp65 protein
Protein length: Full length protein

Description

Nature: Recombinant
Source: Escherichia coli
Amino Acid Sequence
Species: Cytomegalovirus
Molecular weight: 63 kDa
Additional sequence information: The protein contains the Full Length of CMV Pp65 (UL83). Contains a 6x His Tag.

Specifications

Our Abpromise guarantee covers the use of ab43041 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Biological activity: Immunoreactive with sera of CMV infected individuals.
Applications:
ELISA
Western blot

Purity: > 95 % SDS-PAGE.
Sepharose derived purification.

Form: Liquid

Additional notes: Specificity: Immunoreactive with sera of CMV-infected individuals.

Preparation and Storage

Stability and Storage: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
pH: 7.20
Constituents: 0.395% Tris HCl, 0.0292% EDTA, 50% Glycerol

General Info
Relevance

Cytomegalovirus is a member of the herpes virus group, which includes herpes simplex virus types 1 and 2, varicella zoster virus (which causes chicken pox), and Epstein Barr virus (which causes infectious mononucleosis). These viruses share a characteristic ability to remain dormant within the body over a long period. CMV viral genes are co-ordinately 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 the commencement of viral DNA 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 demonstrated in the nuclei and cytoplasm of infected cells. pp65 is a 65kD phosphorylated glycoprotein and is the most abundant of the late antigens.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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