

## Product datasheet

# Recombinant Cytomegalovirus pp65 protein ab43041

## 4 References

### Description

<b>Product name</b>	Recombinant Cytomegalovirus pp65 protein
<b>Biological activity</b>	Immunoreactive with sera of CMV infected individuals.
<b>Purity</b>	> 95 % SDS-PAGE. Sephadex derived purification.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Cytomegalovirus
<b>Predicted molecular weight</b>	63 kDa
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	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.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Specificity: Immunoreactive with sera of CMV-infected individuals.

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 8 Constituents: 0.394% Tris HCl, 48.048% Urea, 0.039% 2-Mercaptoethanol
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### 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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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