



# Recombinant Cytomegalovirus Pp65 Protein(a.a. 297-510) [GST] (DAG524)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant Cytomegalovirus Antigen, Pp65, Strain AD169, contains the CMV Pp65 (UL83) immunodominant regions and a GST fusion partner. Immunoreactive with CMV positive sera. It was expressed in E. coli, and purified in vitro using GS-4B Sepharose purification.
<b>Antigen Description</b>	CMV strain AD169 is a laboratory-adapted strain. It appears to lack a 15kb region of the 200kb genome that is present in clinical isolates. This region contains 19 open reading frames whose functions have yet to be elucidated. AD169 is also unique in that it is unable to enter latency and nearly always assumes lytic growth upon infection.
<b>Species</b>	CMV
<b>Purity</b>	> 95% pure (10% SDS-PAGE) Coomassie staining. GS-4B Sepharose purification
<b>Conjugate</b>	GST
<b>Applications</b>	Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Molecular Weight</b>	50 kDa
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	1 mg/ml
<b>Size</b>	1 mg
<b>Buffer</b>	25mM Tris-HCl, 1mM EDTA, pH 7.2 containing 50% glycerol
<b>Preservative</b>	None

# BACKGROUND

Introduction	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.
Keywords	CMV Ag. Pp65 (UL83) (AD169 Strain); Cytomegalovirus Antigen, Pp65 (UL83), Strain AD169; Pp65; UL83; Cytomegalovirus; CMV; strain AD169; HCMV; HHV 5; Human Herpesvirus 5; Tegument protein; Herpesviridae; Betaherpesvirinae