



Recombinant Cytomegalovirus (CMV) pp52 Antigen [His, Biotin] (DAG-WT328)

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

PRODUCT INFORMATION

Product Overview	The UL44 gene for the CMV pp52 antigen has been expressed as a recombinant antigen fused to a his-tag in its N-terminus and in vivo biotinylated
Antigen Description	pp52 (UL44) is the DNA polymerase processivity subunit of CMV. It is a phosphorylated protein, with a high presence in the virus and DNA binding capacity. pp52 corresponds to an immediate early antigen
Purity	> 95% , as determined by SDS-PAGE
Conjugate	His, Biotin
Applications	WB/ELISA
Molecular Weight	22 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	20 mM phosphate buffer pH 6.0 and 0.15 M NaCl
Preservative	None
Storage	Store at -20°C to -80°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Cytomegalovirus is a viral genus of the viral group known as Herpesviridae or herpesviruses. It
---------------------	---

is typically abbreviated as CMV: The species that infects humans is commonly known as human CMV (HCMV) or human herpesvirus-5 (HHV-5), and is the most studied of all cytomegaloviruses. All herpesviruses share a characteristic ability to remain latent within the body over long periods. Although they may be found throughout the body, CMV infections are frequently associated with the salivary glands in humans and other mammals. Other CMV viruses are found in several mammal species, but species isolated from animals differ from HCMV in terms of genomic structure, and have not been reported to cause human disease.

Keywords

Cytomegalovirus; CMV pp52; HCMV pp52
