



Recombinant MMTV Pr77 Gag Precursor (a.a. 1-591) [His] (DAG2396)

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

PRODUCT INFORMATION

Product Overview	C-terminal 6xHis tagged mouse mammary tumor virus (MMTV) Pr77 Gag precursor protein (a.a. 1-591)
Species	MMTV
Purity	> 95%, based on SDS PAGE
Conjugate	His
Applications	WB standard, antibody ELISA, immunogen, etc.
Format	Each vial contains 100 µg of lyophilized protein in PBS with 8M Urea.
Concentration	N/A
Size	100 µg, 1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Cytomegalovirus (CMV) is a member of the Herpes virus family. Members of this family have a characteristic virion structure. The double stranded DNA genome is contained within an icosahedral capsid which is embedded in a proteinaceous layer (tegument) and surrounded by a lipid envelope that is decorated with virus-specific glycoprotein spikes. The 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
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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.

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
