



# Recombinant CMV Glycoprotein B (DAGA-037)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	<p>Protein length: Protein fragment</p> <p>Amino Acid Sequence: The protein contains the Cytomegalovirus (CMV) gB immunodominant regions.</p> <p>Biological activity: Immunoreactive with sera of CMV infected individuals.</p>
<b>Antigen Description</b>	<p>Human cytomegalovirus (HCMV) glycoprotein B (gB) is an abundant virion envelope protein that has been shown to be essential for the infectivity of HCMV. HCMV gB is also one of the most immunogenic virus-encoded proteins, and a significant fraction of virus neutralizing antibodies are directed at gB.</p>
<b>Purity</b>	> 95 % by SDS-PAGE. Sepharose derived purification.
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	200 µg
<b>Buffer</b>	Constituents: 50% Glycerol, 25mM Tris HCl, 1mM EDTA, pH 7.2
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	<p>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</p>
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dormant within the body over a long period.

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**Keywords**

CMV glycoprotein B; Glycoprotein B; HCMV; HHV5 glycoprotein B; UL55

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