

## Active Recombinant CMV gB protein, hFc-tagged

Cat. No. gB-109C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant CMV gB protein(Met 1-Lys 700)(AAA45920.1, with furin cleavage site mutated from 'RTKR' to 'TTQT') precursor was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	CMV
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-700 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its ability to bind biotinylated Human CD209-Fc in functional ELISA.
<b>Molecular Mass</b>	The recombinant human CMV glycoprotein B ECD/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 914 amino acids and has a predicted molecular mass of 104 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the monomer is approximately 135-145 kDa due to glycosylation
<b>Endotoxin</b>	< 1 EU/g as determined by LAL test.
<b>Purity</b>	> 80 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Official Symbol**      gB

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