

## Recombinant CMV gB protein

Cat. No. gB-0297C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant CMV gB protein(Met 1-Lys 700&Arg 777-Val 907)(AAA45920.1,with furin cleavage site mutated from 'RTKR' to 'TTQT') was expressed in HEK293, fused with five additional amino acids (DDDDK) at the C-terminus.
<b>Species</b>	CMV
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-700 aa&777-907 aa
<b>Form</b>	Lyophilized from sterile Tris 50mM, NaCl 100mM, pH 8.0.
<b>Molecular Mass</b>	The recombinant glycoprotein B of human CMV consists of 813 amino acids and has a predicted molecular mass of 92 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of gB is approximately 130-140 kDa due to glycosylation.
<b>Endotoxin</b>	< 1 EU/g as determined by LAL test.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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**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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