

Active Recombinant CMV gB protein, His tagged

Cat. No. gB-110C Lot. No. (See product label)

SPECIFICATION

Product Overview	Active 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 a polyhistidine tag at the C-terminus.
Species	CMV
Source	HEK293
ProteinLength	1-700 aa&777-907 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind biotinylated Human CD209-Fc in functional ELISA.
Molecular Mass	The recombinant human CMV glycoprotein B (transmembrane domain deletion) comprises 818 amino acids and has a predicted molecular mass of 93 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the recombinant CMV gB is approximately 130-140 kDa due to glycosylation.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 70 % as determined by SDS-PAGE
Storage	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-

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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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