

Recombinant HSV 2(strain 333) gB protein(Glu98-Ala730), His-tagged

Cat. No. gB-500V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HSV 2(strain 333) gB protein(Glu98-Ala730)(P06763) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	HSV2
Source	HEK293
ProteinLength	Glu98-Ala730
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized HSV-2 (strain 333) Glycoprotein B (gB), His Tag at 1 µg/mL (100 µL/well) can bind Mouse anti-Herpes virus 1 and2,clone T111(Monoclonal), Mouse IgG1) with a linear range of 0.06-0.5 ng/mL.
Molecular Mass	The protein has a calculated MW of 74.3 kDa. The protein migrates as 70-90 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

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Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 3 months under sterile conditions after reconstitution.

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.

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