

glycoprotein G for HSV-1 Recombinant Protein

Recombinant biotinylated antigen glycoprotein G for HSV-1

CATALOG #
AAA72878

HOST
E Coli

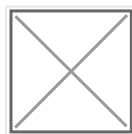
PRODUCT SYNONYMS

glycoprotein G for HSV-1; Recombinant biotinylated antigen glycoprotein G for HSV-1; glycoprotein G for HSV-1 recombinant protein

PRODUCT SPECIFICATIONS

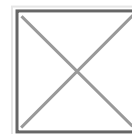
Host	E Coli
Form/Format	Lyophilized
Concentration	1.30 mg/ml (varies by lot)
Preparation and Storage	Protein is shipped with dry ice. Upon arrival, it should be aliquoted to avoid repeated freezing and thawing cycles and stored at -20°C to -80°C. In order to defrost the protein, maintain the aliquot at 25°C without shaking to avoid aggregation.

IMAGES



WB (Western Blot)

Western blot analysis in order to detect streptavidin /biotin reaction. The incubation was performed with HRP conjugated streptavidin (1:2500)



SDS-PAGE

Figure 1. SDS-PAGE analysis (15%) of 7 µl of recombinant gG1. Purity is > 95% as determined by gel electrophoresis.

ADDITIONAL INFORMATION

Related Product Information for glycoprotein G for HSV-1 recombinant protein	RECOMBINANT ANTIGEN: glycoprotein G from herpes simplex virus type 1 (Frame et al., 1986). DESCRIPTION: the recombinant gG-1 glycoprotein has been prepared by expressing the mature protein from the US4 gene of HSV-1 and monobiotinylated in vivo.
References	Frame, M.C., Marsden, H.S., and McGeoch, D.J. Novel herpes simplex virus type 1 glycoproteins identified by a synthetic oligopeptide from the predicted product of gene US4. 1986. J. gen. Virol. 67:745-751. Gill SC, von Hippel PH. Calculation of protein extinction coefficients from amino acid sequence data. Anal Biochem. 1989 Nov 1;182(2):319-26.

NCBI AND UNIPROT INFORMATION

Molecular Weight	determined by SDS-PAGE, the protein band is between the molecular markers of 66,200 Da and 45,000 Da, while relative molecular mass calculated from amino acid sequence is 45,664.4 Da.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.