
Product Data Sheet

Product Name: HSV-1 gG
Cat. No.: GP25209
Batch No.: 1

Product Data

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|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Formulation | (1mg/ml) 25mM Tris-HCl pH 7.2, 1mM EDTA, and 50% glycerol. | | |

Introduction

Entry of HSV into the host cell involves interactions of several viral glycoproteins with cell surface receptors. The virus particle is covered by an envelope which, when bound to specific receptors on the cell surface, will fuse with the cell membrane and create an opening, or pore, through which the virus enters the host cell. The sequential stages of HSV entry are analogous to those of other viruses. At first, complementary receptors on the virus and cell surface bring the two membranes into proximity. In an intermediate state, the two membranes begin to merge, forming a hemifusion state. Finally, a stable entry pore is formed through which the viral envelope contents are introduced to the host cell.

Stability

HSV-1 gG protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Background

The E.Coli derived recombinant protein contains the HSV-1 gG immunodominant regions, 84-175 amino acids and fused to a GST-Tag at C-terminus.

Caution: Product has not been fully validated for medical applications. For research use only.

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