Product Data Sheet

Product Name:	HSV-2 gD (31-335)
Cat. No.:	GP25212
Batch No.:	1

Product Data

Purity	>98%	Source	Escherichia Coli.
Phycical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	50% glycerol, 1.5 M Urea, 0.1% SDS and 100 mM NaCl.		

Introduction

Receptors across the cell membrane interact with some viral glycoproteins therefor enabling HSV to enter the host cell. The HSV enter through pores created by the binding of particular receptors across the cell membrane with the virus's coating envelope, following by a fusion of the HSV and the host cell. HSV enters the host cell through the same mechanism and stages as other viruses do. Initially, matching receptors across the virus's envelope and host cell's membrane interacts and bring the two together. During the transitional stage, begins fusion between the host cell and virus (hemifusion state). The closing stage happens when a steady pore was made; through these pores the virus's particles enter the cell.

Stability

HSV-2 gD although stable at 4°C for 1 week, should be stored below -18°C .Please prevent freeze thaw cycles.

Background

The E.Coli derived HSV-2 gD recombinant protein (31-335) is fused to a Six histidine tag at C-terminus.

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