

Datasheet for ABIN934581  
**HSV1 gD Protein**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	HSV1 gD
Origin:	Herpes Simplex Virus (HSV)
Source:	Yeast
Protein Type:	Recombinant
Application:	ELISA, Western Blotting (WB)

## Product Details

Characteristics:	Purified recombinant HSV1 gD protein Expression System: Yeast
Purity:	> 95 % pure

## Target Details

Target:	HSV1 gD
Alternative Name:	HSV1 gD ( <a href="#">HSV1 gD Products</a> )
Target Type:	Viral Protein
Background:	Herpes simplex virus 1 and 2 (HSV-1 and HSV-2) are two members of the herpes virus family, Herpesviridae, that infect humans. Both HSV-1 (which produces cold sores) and HSV-2 (which produces genital herpes) are ubiquitous and contagious. They can be spread when an infected person is producing and shedding the virus. Glycoprotein D binds to at least one of herpesvirus entry mediator, nectin-1 and 3-O sulfated heparan sulfate receptors. These interactions bring

## Target Details

---

the membrane surfaces into mutual proximity and allow for other glycoproteins embedded in the viral envelope to interact with other cell surface molecules.

Alternative Names: Herpes Simplex Virus 1 glycoprotein D protein, HSV gD 1, HSV1 gD antigen, HSV gD 1 protein, HSV gD-1, HSV-1 gD protein, HSV1 gD, HSV gD-1 protein

## Application Details

---

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

## Handling

---

Format: Frozen

Concentration: 1-3 mg/mL

Buffer: Supplied frozen in 20 mM PBS, pH 7.5.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -80 °C

Storage Comment: Aliquot and store at -70 °C or lower.