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Datasheet for ABIN810025

**HSV1 gD Protein (AA 21-339) (His tag)**

## Overview

Quantity:	1 mg
Target:	HSV1 gD
Protein Characteristics:	AA 21-339
Origin:	Herpes Simplex Virus (HSV)
Source:	Yeast (Pichia pastoris)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSV1 gD protein is labelled with His tag.
Application:	Western Blotting (WB), ELISA

## Product Details

Characteristics:	<p>Recomb. Recombinant Herpes Simplex Virus-1 gD (HSV-1) glycosylated. Glycosylated recombinant ecto-domain of HSV-1 gD (AA 21-339 from KOS strain) representing the external domain of the gD molecule without membrane spanning and cytosolic sequences. It encodes a protein of approximately 30 kDa that contains 3 sites for glycosylation. Contains a 6-histidine fusion partner. The yeast system adds a mannose core oligosaccharide to N-linked motifs. Glycosylation is heterogeneous and results in several immunoreactive products greater than 40 kDa on Western blots. The doublet band at approximately 28 and 30 kDa is not believed to be glycosylated.</p>
Purification:	Purity verified by SDS-PAGE. Purity compares with reference lot.

## Target Details

Target:	HSV1 gD
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## Target Details

Abstract: [HSV1 gD Products](#)

Target Type: Viral Protein

Molecular Weight: 30 kDa

## Application Details

Application Notes: Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Comment: Infectious Disease Antigens and Toxins

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: 0.02 M Sodium phosphate, 0.00 - 0.1 M Sodium chloride, pH 6.7 to 7.7

Preservative: Without preservative

Handling Advice: Avoid multiple freeze/thaw cycles.

Storage: -80 °C

Storage Comment: Store at -70 °C or below.