

# Recombinant HSV2 gG Envelope protein ab43047

### Description

<b>Product name</b>	Recombinant HSV2 gG Envelope protein
<b>Biological activity</b>	Immunoreactive with sera of HSV-infected individuals, excellent antigen for detection of HSV with minimal specificity problems.
<b>Purity</b>	> 95 % SDS-PAGE. Sephadex derived purification.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Actual molecular weight</b>	31 kDa
<b>Amino acids</b>	525 to 578
<b>Tags</b>	GST tag N-Terminus
<b>Additional sequence information</b>	The protein contains the HSV-2 gG immunodominant regions. GST tagged.

### Specifications

Our **Abpromise guarantee** covers the use of **ab43047** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C. Constituents: 0.395% Tris HCl, 0.0292% EDTA, 50% Glycerol
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### General Info

<b>Relevance</b>	HSV2 is a member of the herpes virus family, Herpesviridae. All herpes viruses are
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morphologically identical. They have a large double stranded DNA genome. The virion consists of an icosahedral nucleocapsid which is surrounded by a lipid bilayer envelope. Between the capsid and the envelope is an amorphous layer of proteins, termed the tegument. Glycoprotein G (gG) is one of seven envelope glycoproteins in HSV2.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

#### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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