

Product datasheet

Recombinant hsv HSV2 gD protein ab48971

Overview

Product name	Recombinant hsv HSV2 gD protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Herpes simplex virus
Amino acids	31 to 335

Specifications

Our [Abpromise guarantee](#) covers the use of **ab48971** in the following tested applications.

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

Biological activity Immunoreactive with sera from HSV2-infected individuals with minimum specificity problems.

Applications Western blot
ELISA

Purity > 95 % SDS-PAGE.

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: None

Constituents: 50% Glycerol, 0.1% SDS, 100mM Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Relevance

There are eight members of the herpes virus family that are known to cause human disease, including not only the herpes simplex viruses (HSV1 and HSV2). HSV1 and HSV2 are family Herpesviridae, subfamily Alpha herpes virinae, genus Simplexvirus. Glycoprotein D(gD) binds specifically to the herpesvirus entry mediator receptor (HVEM), thus providing a strong, fixed attachment to the host cell. These interactions bring the membrane surfaces into mutual proximity and allow for other surface glycoproteins to interact.

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