

Product datasheet for **BIN171**

Herpes Simplex Virus 2 / HSV2 (Glycoprotein D) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Herpes Simplex Virus 2 / HSV2 Glycoprotein D recombinant protein, 1 mg
Expression Host:	E. coli
Predicted MW:	40.6 kDa
Concentration:	lot specific
Purity:	>95% pure (10 PAGE Coomassie staining) by GS-4B Sepharose Affinity chromatography.
Buffer:	Presentation State: Purified State: Liquid purified fraction. Buffer System: 25 mM Tris-HCl, 1 mM EDTA containing 50% glycerol without preservatives.
Preparation:	Liquid purified fraction.
Applications:	Suitable for use in ELISA and Western blot.
Protein Description:	Recombinant Herpes Simplex Virus-2 (HSV-2) Glycoprotein D (gD). Contains the HSV-2 gD immunodominant regions and GST fusion partner. Immunoreactive with HSV positive sera.
Storage:	Store the antigen (in aliquots) at -20°C. Avoid multiple freeze/thaw cycles.
Stability:	Shelf life: six months from despatch.
Synonyms:	HHV2
Summary:	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.
Protein Families:	Suitable for use in ELISA and Western blot.



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