



# Recombinant HSV type 2 VP13/14 (DAGA-444)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	The E.Coli derived HSV-2 VP13/14 recombinant protein, 1-280 amino acids, is fused to a Six histidine tag at C-terminus and has a MW of 31kDa (pI 6.77).
<b>Antigen Description</b>	Entry of HSV into the host cell involves interactions of several viral glycoproteins with cell surface receptors. The virus particle is covered by an envelope which, when bound to specific receptors on the cell surface, will fuse with the cell membrane and create an opening, or pore, through which the virus enters the host cell. The sequential stages of HSV entry are analogous to those of other viruses. At first, complementary receptors on the virus and cell surface bring the two membranes into proximity. In an intermediate state, the two membranes begin to merge, forming a hemifusion state. Finally, a stable entry pore is formed through which the viral envelope contents are introduced to the host cell.
<b>Purity</b>	Protein is >90% pure as determined by SDS PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB, Flow-Through
<b>Molecular Weight</b>	31kDa
<b>Format</b>	Sterile Filtered clear solution.
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	0.1 mg
<b>Buffer</b>	10 mM Phosphate buffer pH 7.6; 75 mM NaCl.
<b>Preservative</b>	None
<b>Storage</b>	HSV-2 VP13/14 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

# BACKGROUND

## Keywords

HSV;Herpesviruses;Herpesviridae;Herpes Simplex Virus Type 2;HSV type 2 VP13/14

---