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HSV-8 M

Catalog #:HSPS-232

For research use only.

Description: The E.Coli derived recombinant protein contains the C-terminal immunodominant regions from ORF65 140-170 a.a. and N-terminal regions from ORF8 32-62 a.a. The protein is fused with a GST tag.

Purity:HSV-8 Mosaic protein is >95% pure as determined by 10% PAGE (coomassie staining).

Purification Method:

HSV-8 Mosaic was purified by proprietary chromatographic technique.

Specificty:

Immunoreactive with sera of HSV-8 infected individuals.

Formulation:

100mM NaCl, 0.1% SDS and 50% glycerol.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

HSV-8 Mosaic antigen is suitable for ELISA and Western blots, excellent antigen for detection of HSV with minimal specificity problems.

Introduction:

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, throμgh which the virus enters the host cell. The sequential stages of HSV entry are analagous 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 throμgh which the viral envelope contents are introduced to the host cell.

Storage:

HSV-8 Mosaic protein althoμgh stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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