Recombinant HSV-2 glycoprotein G Antigen

**Product Codes**
BP421.1 / BP421.1.X

**Pack Sizes**
BP421.1 0.1mg
BP421.1.X Bulk

**Abbreviations**
HSV-2

**Other names**
*Herpes simplex* type 2

**Use**
For *in vitro* research and manufacturing uses only

*Users must validate this material for their own use and application*

**Background**
This product is manufactured by Binding Site in accordance with ISO13485 accredited quality systems.

Guidelines for assays used within the Binding Site are included in this datasheet. These do not confer a diagnostic use of this product.

**Product Specification**

<table>
<thead>
<tr>
<th>Form</th>
<th>Glycoprotein G from <em>herpes simplex</em> type 2 expressing the gene US4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source</td>
<td>Escherichia coli</td>
</tr>
<tr>
<td>Method of Production</td>
<td>Purified by chromatography</td>
</tr>
<tr>
<td>Format</td>
<td>Liquid (frozen)</td>
</tr>
<tr>
<td>Buffer</td>
<td>20mM phosphate buffer pH7 and 1M NaCl</td>
</tr>
<tr>
<td>Preservatives</td>
<td>N/A</td>
</tr>
</tbody>
</table>
| Total Protein Concentration | Batch specific - determined by OD 

**Product Utility**

<table>
<thead>
<tr>
<th>Shelf-life</th>
<th>4 years from date of manufacture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage and Stability</td>
<td>Upon receipt this product should be stored at -20 to -80°C where it will remain stable until the given expiry date. Avoid repeated thawing and freezing.</td>
</tr>
</tbody>
</table>
Specificity and Purity
Typical product data

Specificity and performance assessed by ELISA
Degree of purity >95% assessed by 4-12% SDS PAGE

Other Applications
ELISA, CLIA, Western Blot, lateral flow

Packaging
Nalgene Cryoware LDPE vials with screw cap

Associated Documents
Safety Datasheet available on request
Certificate of Analysis available on request

Related Products
www.immunologicals.com/products/index

Customised Variants
This product can be customised to meet specific requirements. The options available include, but are not restricted to, lyophilisation and parameters such as titre, resting buffer and preservations. Please enquire for further information.
Contacts

For further assistance or advice please contact us at: www.immunologicals.com/contact