## Recombinant Hepatitis B Virus E Antigen protein (Active) ab91273

### 2 References

<table>
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<th>Description</th>
<th>Specifications</th>
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<tr>
<td><strong>Product name</strong></td>
<td>Recombinant Hepatitis B Virus E Antigen protein (Active)</td>
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<tr>
<td><strong>Biological activity</strong></td>
<td>ab91273 is immunoreactive with sera of HBV-infected individuals. It contains the Hepatitis B Virus HBe adw immunodominant region.</td>
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<tr>
<td><strong>Purity</strong></td>
<td>&gt; 95 % SDS-PAGE. ab91273 is purified by proprietary chromatographic techniques.</td>
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<tr>
<td><strong>Expression system</strong></td>
<td>Escherichia coli</td>
</tr>
<tr>
<td><strong>Accession</strong></td>
<td>Q89714</td>
</tr>
<tr>
<td><strong>Protein length</strong></td>
<td>Full length protein</td>
</tr>
<tr>
<td><strong>Animal free</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Nature</strong></td>
<td>Recombinant</td>
</tr>
<tr>
<td><strong>Predicted molecular weight</strong></td>
<td>44 kDa including tags</td>
</tr>
<tr>
<td><strong>Tags</strong></td>
<td>GST tag C-Terminus</td>
</tr>
</tbody>
</table>

### Specifications

Our Abpromise guarantee covers the use of ab91273 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications**  
- SDS-PAGE
- Western blot
- ELISA

**Form**  
Liquid

### Preparation and Storage

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

pH: 8.00

Constituents: 0.79% Tris HCl, 50% Glycerol, 0.35% Sodium chloride, 0.307% Glutathione, 0.25% Sarkosyl

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

Hepatitis B e-antigen (HBeAg) is a viral protein associated with HBV infections. Unlike the surface antigen, the e-antigen is found in the blood only when there are viruses also present. When the virus goes into “hiding,” the e-antigen will no longer be present in the blood. HBeAg is often used as a marker of ability to spread the virus to other people (infectivity). Measurement of e-antigen may also be used to monitor the effectiveness of HBV treatment; successful treatment will usually eliminate HBeAg from the blood and lead to development of antibodies against e-antigen (anti-HBe). There are some types (strains) of HBV that do not make e-antigen; these are especially common in the Middle East and Asia. In areas where these strains of HBV are common, testing for HBeAg is not very useful.

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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