# Recombinant Hepatitis A Virus protein ab54098

## Description

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td>Recombinant Hepatitis A Virus protein</td>
</tr>
<tr>
<td><strong>Biological activity</strong></td>
<td>Reacts strongly with human Hepatitis A Virus positive serum.</td>
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<tr>
<td><strong>Purity</strong></td>
<td>&gt; 90 % SDS-PAGE</td>
</tr>
<tr>
<td><strong>Expression system</strong></td>
<td>Escherichia coli</td>
</tr>
<tr>
<td><strong>Protein length</strong></td>
<td>Protein fragment</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>Amino acids</strong></td>
<td>1392 to 1521</td>
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</tbody>
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## Specifications

Our **Abpromise guarantee** covers the use of ab54098 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

### Applications
- Western blot
- ELISA
- SDS-PAGE

### Form
- Liquid

### Additional notes
- Reacts strongly with human Hepatitis A Virus positive serum.

## Preparation and Storage

### Stability and Storage
- pH: 9.60
- Constituents: 0.1% SDS, 0.158% Tris HCl, 50% Glycerol

## General Info

### Relevance
- Hepatitis A Virus (HAV) is a 27nm nonenveloped, spherical, positive stranded RNA virus, classified within the genus hepatovirus of the picornavirus family and is among the smallest and
structurally simplest of the RNA animal viruses. A single large polyprotein is expressed from a large open reading frame extending through most of the genomic RNA. This polyprotein is subsequently cleaved by a viral protease (3Cpro) to form three (possibly four) capsid proteins and several nonstructural proteins. HAV genomic replication occurs exclusively in the cytoplasm of the infected hepatocyte by a mechanism involving an RNA-dependent RNA polymerase.

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