

Product datasheet

Recombinant Hepatitis A Virus protein ab54098

Description

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| Product name | Recombinant Hepatitis A Virus protein |
| Biological activity | Reacts strongly with human Hepatitis A Virus positive serum. |
| Purity | > 90 % SDS-PAGE. |
| Expression system | Escherichia coli |
| Protein length | Protein fragment |
| Animal free | No |
| Nature | Recombinant |
| Amino acids | 1392 to 1521 |

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.

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| Applications | Western blot ELISA SDS-PAGE |
| Form | Liquid |
| Additional notes | Reacts strongly with human Hepatitis A Virus positive serum. |

Preparation and Storage

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| Stability and Storage | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 7.2 Constituents: 0.1% Sodium lauryl sulfate, 0.158% Tris HCl, 50% Glycerol (glycerin, glycerine) |
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General Info

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| 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 |
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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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