

Recombinant Hepatitis A Virus protein ab49012

Description

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	5 to 164

Specifications

Our **Abpromise guarantee** covers the use of **ab49012** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA SDS-PAGE
Form	Liquid
Additional notes	Reacts strongly with human Hepatitis A virus positive serum.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.2 Constituents: 0.1% Sodium lauryl sulfate, 0.158% Tris HCl, 50% Glycerol (glycerin, glycerine)
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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
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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.

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

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