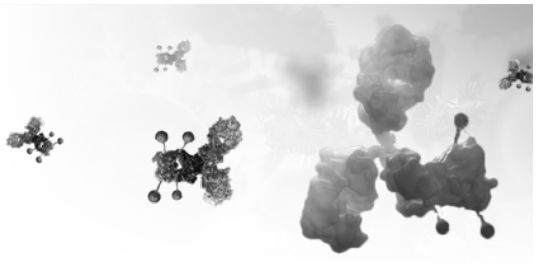

Recombinant HAV P3C [GST] (DAG498)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant HAV P3C immunodominant region. Contains a GST fusion partner, was expressed in E. coli. Immunoreactive with HAV positive sera.
Species	HAV
Purity	> 90% pure (10% PAGE coomassie staining). Inclusion Bodies
Conjugate	GST
Applications	Suitable for use in ELISA and Western blots. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	1 mg/ml
Size	1 mg
Buffer	10mM Carbonate-bicarbonate buffer, pH 9.6, 0.1% SDS containing 50% glycerol
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	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.
Keywords	HAV P3C; HAV; P3C; Hepatitis A Virus P3C; Hepatitis A Virus; Picornaviridae; Hepatovirus

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