



Recombinant HAV VP4 (a.a. 6-245) [His] (DAG2418)

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

PRODUCT INFORMATION

Product Overview	C-terminal 6xHis tagged VP4 region of HAV capsid protein (a.a. 6-245)
Species	HAV
Purity	> 95%, based on SDS PAGE
Conjugate	His
Applications	WB standard, antibody ELISA, immunogen, etc.
Format	Each vial contains 100 µg of lyophilized protein in PBS with 8M Urea.
Concentration	N/A
Size	100 µg, 1 mg
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 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
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polymerase.

Keywords	HAV; HAV Ag; HAV VP3; Hepatitis A Virus VP3; Hep A; Hepatitis A Virus protein; Picornaviridae; Hepatovirus
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