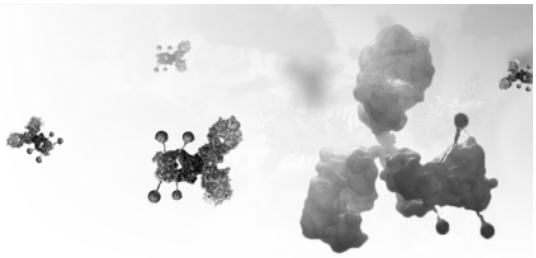

HAV Active VP3 (aa 304 - 415) (DAG-P2789)

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

PRODUCT INFORMATION

Product Overview	Active Hepatitis A virus VP3 protein fragment
Antigen Description	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. Though he clinical picture of viral (A) hepatitis is extremely variable - ranging from asymptotic infection without jaundice to a fulminating disease and death in a few days, Hepatitis A is usually a mild illness and does not lead to chronic or persistent hepatitis. HAV is transmitted by the orofecal route and is still endemic throughout much of the world, including the western world. HAV exists worldwide as a single serotype with a small degree of antigenetic variation. Present evidence suggests that immunity acquired naturally (or from an inactivated hepatitis A vaccine) will protect against all human HAV strains.
Species	HAV
Purity	> 90 % by SDS-PAGE.This protein was purified by proprietary chromatographic techniques.
Conjugate	Unconjugated
Applications	WB ELISA SDS-PAGE
Bio-activity	This protein is immunoreactive with sera from HAV-infected individuals.
Format	Liquid
Buffer	Preservative: None Constituents: 50% Glycerol, 0.1% SDS, 10mM CBB, pH 9.6.
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze/thaw cycles.

BACKGROUND

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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 polypr
Keywords	HAV VP3; Hepatitis A VP3 protein; Virion protein 3; VP3

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