



Hepatitis D Virus Recombinant

Cat # RP-526 Recombinant Hepatitis D Virus **Size:** 100 ug

The HDV genome exists as a negative sense, single-stranded, closed circular RNA. Because of a nucleotide sequence that is 70% self-complementary, the HDV genome forms a partially double stranded RNA structure that is described as rod-like. With a genome of approximately 1700 nucleotides, It has been proposed that HDV may have originated from a class of plant viruses called viroids. Evidence in support of this hypothesis stems from the fact that both HDV and viroids exist as single-stranded, closed circular RNAs that have rod-like structures. Likewise, both HDV and viroids contain RNA sequences that can assume catalytically active structures called ribozymes.

Description:

The E.Coli derived recombinant protein contains the HDV immunodominant regions, amino acids 1-108aa, 151-209aa. Purified by proprietary chromatographic technique (>95%). It is supplied in 10mM carbonate buffer pH 10.0, NaCl 100mM and 50% glycerol. Upon arrival, Store at -20°C.

Stability: Five years frozen. One month in solution at room temperature.

Specificity:

Immunoreactive with sera HDV-infected individuals.

Suggested Applications:

Antigen in ELISA and Western blots, excellent antigen for detection of HDV with minimal specificity problems.

all items are for in vitro research use only.

Related items

AntibodyType	Catalog#	ProdDescription
Mouse-Mono	AB-15810	Mouse Anti-Hepatitis D Virus IgG

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