

HDV

Description: The E.Coli derived recombinant protein contains the HDV immunodominant regions.

Catalog #: HDPS-241

Purity: Protein is >90% pure as determined by 10% PAGE (Coomassie staining).

For research use only.

Specificity:

Immunoreactive with sera HDV-infected individuals.

Formulation:

10mM carbonate buffer pH 10.0, NaCl 100mM and 50% glycerol.

Usage:

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Introduction:

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.

Storage:

HDV although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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