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AR00074PU-N Hepatitis D Virus / HDV - Purified

Quantity: 1 mg

Concentration: 1.0 mg/ml

Background: 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.

Source: E. coli

Format:
State: Liquid purified protein
Purity: >90% pure (10% PAGE coomassie staining).
Purification Method: Inclusion Bodies.
Buffer System: 10mM Carbonate bicarbonate buffer, pH 10, 100mM NaCl, 50% Glycerol
Preservatives: None

Applications:
ELISA.
Western Blot.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description:
E.coli derived Recombinant Hepatitis D Virus (HDV).
Contains the HDV immunodominant region.
Does not contain a fusion partner.
Specificity: Immunoreactive with HDV positive sera.

Storage:
Store the protein at -20°C.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.