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## Product Data Sheet

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Product Name: HDV  
Cat. No.: GP25338  
Batch No.: 1

### Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	50mM Tris pH 8 and 8M urea.		

### 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.

### Stability

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

### Background

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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