

Recombinant Hepatitis E Virus ORF2 (aa 403-461)

Catalog No.	CSI15791A	Quantity:	100 µg
	CSI15791B		0.5 mg
	CSI15791C		1.0 mg

Description: Hepatitis E virus (HEV), the major etiologic agent of enterically transmitted non-A, non-B hepatitis worldwide, is a spherical, non-enveloped, single stranded RNA virus that is approximately 32 to 34 nm in diameter. HEV belongs to a genus of HEV-like viruses (unassigned genus). HEV has a single-stranded polyadenylated RNA genome of approximately 8 kb. Based on its physicochemical properties it is presumed to be a calici-like virus.

The *E. Coli* derived HEV protein is fused with beta-galactosidase at the N-Terminus and contains the HEV immunodominant regions from ORF2 403-461 a.a.

Source: *E. coli*

Formulation: 20mM Tris-HCl pH-8 + 8M urea and 10mM B-ME.

Purity: HEV ORF2 Protein is >95% pure as determined by 10% PAGE (coomassie staining).

Purification Method: HEV ORF2 was purified by proprietary chromatographic technique.

Specific Activity: Immunoreactive with sera HEV-infected individuals.

Storage & Stability: HEV ORF2 protein although stable at 4°C for 1 week, should be stored below -18°C.
Please prevent freeze thaw cycles.

Applications: HEV ORF2 antigen is suitable for ELISA and Western blots, excellent antigen for detection of HEV with minimal specificity problems.

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