

## Recombinant Hepatitis E Virus ORF2 (aa 633-659)

<b>Catalog No.</b>	CSI15790A	<b>Quantity:</b>	100 µg
	CSI15790B		0.5 mg
	CSI15790C		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 ORF2 633-659 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 protein 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.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**