

Recombinant Hepatitis E Virus ORF3 (aa 92-123)

Catalog No.	CSI15792A	Quantity:	100 µg
	CSI15792B		0.5 mg
	CSI15792C		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 Iderived HEV protein is fused with beta-galactosidase at the N-Terminus and contains the HEV immunodominant ORF3 92-123 a.a.

Source: *E. coli*

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

Purity: HEV ORF3 protein is >95% pure as determined by 10% PAGE (coomassie staining).

Purification Method: HEV ORF3 protein was purified by proprietary chromatographic technique.

Specific Activity: Immunoreactive with sera HEV-infected individuals.

Storage & Stability: HEV ORF3 protein although stable at 4°C for 1 week, should be stored below -18°C.
Please prevent freeze thaw cycles.

Applications: HEV ORF3 antigen is suitable for ELISA and Western blots, excellent antigen for detection of HEV with minimal specificity problems.

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