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## AR10615PU-N OriGene EU

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## Hepatitis E Virus / HEV ORF2 (633-659) - Purified

| Catalog No.:  | AR10615PU-N                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:     | 0.5 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Background:   | Hepatitis Evirus (HEV), the major etiologic agent of enterically transmitted non-A, non-B<br>hepatitis worldwide, is a spherical, non-enveloped, single stranded RNA virus that is<br>approximately 32 to 34 nm in diameter. HEV belongs to a genus of HEV-like viruses<br>(unassigned genus). HEV has a single-stranded polyadenylated RNA genome of<br>approximately 8 kb. Based on its physicochemical properties it is presumed to be a calici-<br>like virus. |
| Source:       | E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Format:       | Purity: >95.0% pure as determined by 10.0% PAGE (coomassie staining).<br>Purification Method: HEV ORF2 protein was purified by proprietary chromatographic<br>technique.<br>Buffer System: 20mM Tris-HCl pH-8, 8M Urea and 10mM B-ME                                                                                                                                                                                                                               |
| Applications: | HEV ORF2 antigen is suitable for ELISA and Western blots, excellent antigen for detection of<br>HEV with minimal specificity problems.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should<br>be determined by the user.                                                                                                                                                                                                    |
| Description:  | The <i>E.coli</i> derived HEV protein is fused with beta-Galactosidase at the N-Terminus and contains the HEV immunodominant ORF2 633-659 amino acids. <b>Specificity:</b> Immunoreactive with sera HEV-infected individuals.                                                                                                                                                                                                                                      |
| Storage:      | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.                                                                                                                                                                                                                                                                                                        |

**For research and in vitro use only. Not for diagnostic or therapeutic work.** Material Safety Datasheets are available at www.acris-antibodies.com or on request. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



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