

HEV ORF2 (403-461 a.a.)

Description: 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.

Catalog #: HEPS-279

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

For research use only.

Purification Method:

HEV ORF2 was purified by proprietary chromatographic technique.

Specificity:

Immunoreactive with sera HEV-infected individuals.

Formulation:

20mM Tris-HCl pH-8, 8M urea and 10mM B-ME.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

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

Introduction:

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.

Storage:

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

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