

## COA and Product Specification datasheet

### Recombinant HCV Core genotype 1b

**Catalog Number:** MBS553136

**Lot:**DS213HCVC

**Description:**

Recombinant HCV Core encodes the immunodominant sequences of the HCV nucleocapsid p21 protein. This molecule has a calculated mass of approximately 13kDa.

Recombinant HCV Core contains an N terminal GST purification tag and migrates as an approximately 39 kDa protein under non-reducing conditions and reducing conditions in SDS-PAGE.

**Source:**

DNA sequence encoding linear sequence 2-119AA of HCV core protein was expressed in Escherichia Coli.

**Purity:**

>95% by SDS-PAGE.

**Concentration:**

3.5 mg/ml

**Specificity:**

Immunoreactive with sera of infected HCV individuals

**Presentation:**

Sterile filtered from Tris-HCL 50mM pH 8.0, NaCl 60mM, Gluthatione 10mM, Sarcosyl 0.25%,glycerol 50%.

**Endotoxin:**

Less than 0.1EU/ug as determined by LAL method.

**Storage:**

This protein can be stored in working aliquots at 2° - 8° C for one month, or at -20° C for 12 months without detectable loss of activity.

Avoid repeated freeze/thaw cycles.