

## PRODUCT SPECIFICATION SHEET

### Protein Name: Recombinant HCV fusion antigen

Catalog No: RP-011

**Description:** *E.coli* derived recombinant protein containing immunodominant regions of core, E<sub>2</sub>/NS1, NS3, NS4 and NS5. Immunoreactive with sera from HCV infected individuals.

**Concentration:** 1-5mg/ml (customizable)

**Source:** *Escherichia coli* (*E. coli*)

**Format:** Purified liquid

**Buffer:** 10mM Tris, pH.8, 3 M urea, 1 mM PMSF.

### PREPARATION:

**Expression System:** *Escherichia coli* (*E. coli*)

**Tag:** 6X histidine tag

**Purification:** His-tag affinity purification by Immobilized metal ion affinity Chromatography

**Purity:** >95% as determined by SDS PAGE

**Molecular Weight:** The predicted size of protein is **30 kDa**.

**Purity:** Determined by SDS-PAGE under reducing conditions and visualized by Coomassie Blue staining

**Preservative:** None

**Application:** Reacts with IgG of infected individuals. Use optimum working concentration for particular application.

**Shipping:** Protein is shipped with ice pack.

**Storage:** It should be aliquoted as per requirement upon arrival to avoid multiple freezing & thawing cycles.

Long term storage -20°C to -80°C

Short term storage 2-8°C

**Stability:** 3 years from the manufacturing date.

**Safety note:** Refer to the appropriate safety data sheet (SDS) for additional information.

**Reconstitution:** The protein can be aliquoted and diluted as per requirement.

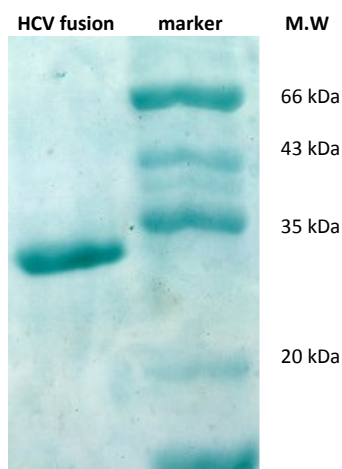


Figure- SDS PAGE Analysis

This product is furnished for **LABORATORY RESEARCH** or **MANUFACTURING**

