

## Recombinant HCV E1 Protein, His-tagged

**Cat. No.** E1-769V    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant envelope glycoprotein E1 of Hepatitis C virus (subtype 1b, strain HC-J4) (AAC15725.1) (Tyr192-Ile340) was expressed with a polyhistidine tag at the N-terminus. |
| <b>Species</b>              | HCV                                                                                                                                                                         |
| <b>Source</b>               | HEK293                                                                                                                                                                      |
| <b>Predicted N Terminal</b> | His                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                                         |
| <b>Molecular Mass</b>       | The recombinant envelope glycoprotein E1 of Hepatitis C virus (subtype 1b, strain HC-J4) consists 168 amino acids and predicts a molecular mass of 18.7 kDa.                |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                             |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE.                                                                                                                                            |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                   |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                   |
| <b>Reconstitution</b>       | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                    |

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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