Recombinant Hepatitis C virus Envelope Glycoprotein E1, His-tagged

Cat. No. HCV-E1-29H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the 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.
Species	HCV
Source	Human Cells
ProteinLength	192-340 a.a.
Description	E1 is a viral structural protein found in the hepatitis C virus. Hepatitis C virus (HCV or sometimes HVC) is a small (55–65 nm in size), enveloped, positive-sense single-stranded RNA virus of the family Flaviviridae. Hepatitis C virus is the cause of hepatitis C in humans.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	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.

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Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

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