

Product Information

MemDX™ Membrane Protein Hepatitis C virus E1 glycoprotein (HCV E1 glycoprotein)

Cat. No.: **MP0012F**

This product is for research use only and is not intended for diagnostic use.

The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Hepatitis C virus

Target Protein

E1 glycoprotein

Protein Length

Full Length

Protein Class

Envelop protein

Molecular Weight

21 kDa

TMD

1

Product Description

Activity

Yes

Application

Screening & display technologies, vaccine development

Expression Systems

Cell-free expression system

Protein Format

Proteoliposome

Form

Powder

Purification

Sucrose gradient

Purity

>60% by SDS-Page and Coomassie Blue staining

Buffer

Tris 50mM, pH 7.5

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

E1 glycoprotein

Full Name

HCV E1 glycoprotein

Introduction

E1 is one of two subunits of the envelope glycoprotein found in the hepatitis C virus. The other subunit is E2. This protein is a type 1 transmembrane protein with a highly glycosylated N-terminal ectodomain and a C-terminal hydrophobic anchor. After being synthesized the E1 glycoproteins associates with the E2 glycoprotein as a noncovalent heterodimer.

Alternative Names

HCV envelop protein 1, E1

Gene ID

[951475](#)

UniProt ID

[P26664](#)