

# HCV E2 Recombinant Protein



RPPB5487

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## Product Information    Protein Information

**Product SKU:**

RPPB5487

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant Hepatitis C Virus E2 Genotype-1 produced in E. coli is a single polypeptide chain containing 226 amino acids (aa 482-671) and having a molecular mass of 25.4kDa (NCBI Accession#NP\_671491).HCV E2 is fused to a 36 amino acid His-tag at N-terminus.

**Appearance:**

Sterile Filtered colorless solution.

**Formulation:**

The HCV E2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 80.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSERPY CWHYPPRPCG IVPKSVCGP  
VYCFPSPVV VGTDRSGAP TYSWGANDTD VFVLNNTRPP LGNWFCTWM NSTGFTKVCG APPCVIGGVG  
NNTLLCPTDC FRKHPEATYS RCGSGPWITP RCMVDYPYRL WHYPCTINYT IFKVRMYVGG VEHRLEAACN  
WTRGERCDLE DRDRSELSPL LLSTTQ.