

E2 (HCV) Recombinant Protein | E2 recombinant protein

E2 (HCV) (amino acid 383-663), subtype 1b

CATALOG #
AAA13742

APPLICATIONS
Western Blot, ELISA

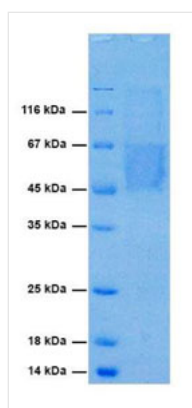
PRODUCT SYNONYMS

E2 (HCV); E2 (HCV) (amino acid 383-663); subtype 1b; HCV E2 protein; Subtype 1b; Hepatitis C Virus E2 Recombinant Protein; E2 recombinant protein

PRODUCT SPECIFICATIONS

Specificity	>95% Purity
Purity/Purification	> = 96% purity
Concentration	1ug/uL in PBS (varies by lot)
Sequence	GQTRAVGGMQ SHFTQRFVSL FSLGPAQKIQ LVNTNGSWHV NRTALNCNDS LQTGFIAALF YANRFNSSGC PERLASCRPI DKFAQGWGPI TYAKPDSPDQ RPYCWHYAPQ PCGIVPASEV CGPVYCFPSP VVVGTPIRFG VPTYTWGANE TDVLLNNTR PPLGNWFGCT WMNATGFTKT CGGPPCNIGG VGNNALTCPT DCFRKHPEAT YAKCGSGPWL TPRCMVDYPY RLWHYPCTVN FTIFKVRMYV GGVERLNAAC NWTRGERCNL EDRDRSELS
Sequence Length	9577
Applicable Applications for E2 recombinant protein	WB (Western Blot), ELISA, Antigen
Viral Protein	C-terminal 6xHis tagged HCV E2 protein (amino acid 383-663)(subtype 1b)(Genebank No. AY460204)
Endotoxin Level	<0.01 EU per 1 ug of the protein by LAL test
Preparation and Storage	Store at -20°C. Stable for 6-months from the date of shipment when kept at 4°C. Non-hazardous. No MSDS required.

IMAGES



Application Data

SDS-PAGE(12%): purified E2 (HCV)(aa 383-663), subtype 1b

ADDITIONAL INFORMATION

Related Product Information for E2 recombinant protein	Viral protein purified from 293 cell culture. The hepatitis C virus (HCV) is a small, enveloped, single-stranded, positive-sense RNA virus. HCV has a high rate of replication with approximately one trillion particles produced ach day in an infected individual. Due to lack of proofreading by the HCV RNA polymerase, the HCV has an exceptionally high mutation rate, a factor that may help it elude the host's immune response. There are seven major genotypes of HCV with several subtypes within each genotype. The viral RNA codes for a large polyprotein of approx. 3100 amino acids, which is posttranslationally processed by cellular and viral proteases. The N-terminus encompasses the structural proteins core andtwo glycoproteins (E1,E2);the C-terminus encompasses the p7 protein and the nonstructural (NS) proteins NS2, NS3, NS4A, NS4B, NS5A and NS5B.
Product Categories/Family for E2 recombinant protein	Viral Recombinant Proteins; Hepatitis Virus

NCBI AND UNIPROT INFORMATION

NCBI GI #	38492204
NCBI Official Full Name	Hepatitis C virus from Shanghai, complete genome
UniProt Protein Name	Genome polyprotein
UniProt Entry Name	Q6SCJ5_9HEPC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e2-hcv-recombinant-protein-wb-western-blot-elisa-antigen/13742>