

Version 02

Update: 08/11/2021

Product Name: Recombinant PIVKA II Antigen

Cat. No.: T06702

Size: 1mg/10mg/100mg/1g

Synonyms: Vitamin K Absence or antagonist-II
and PIVKA-II

Description:

Protein Induced by Vitamin K Absence or Antagonist-II (PIVKA-II), also known as Des- γ -carboxy-prothrombin (DCP), is an abnormal form of prothrombin. Normally, the prothrombin's 10 glutamic acid residues (Glu) in the γ -carboxyglutamic acid (Gla) domain at positions 6, 7, 14, 16, 19, 20,25, 26, 29 and 32 are γ -carboxylated to Gla by vitamin-K dependent γ -glutamyl carboxylase in the liver and then secreted into plasma. In patients with hepatocellular carcinoma (HCC), γ -carboxylation of prothrombin is impaired so that PIVKA-II is formed instead of prothrombin. PIVKA-II is considered as is an efficient biomarker specific for HCC.

Source: *Escherichia coli (E. coli)*

Species: Human

Molecular Weight: Predicted molecular weight:
66 kDa.

Tag: His tag at the C-terminus of
Recombinant PIVKA II Antigen

Formulation: Liquid

Purity: > 85% as analyzed by SDS-PAGE

Storage buffer : 20mM PB,150 mM NaCl,
PH7.2, containing 10% Glycerol, and 0.5M
L-Arginine

Reactivity with GenScriptMABs

V06701 PIVKA II Antibody (1C5):+

V06702 PIVKA II Antibody (2D7):+

V06703 PIVKA II Antibody (6C4):+

Storage: The product can be stored at -
20°C or below. Avoid repeated freezing and
thawing cycles. Shelf life of the product is
unspecified.

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.