

Recombinant human F2 protein, C-His (HEK293)

Catalog Number: bs-43191P

Concentration: >0.5mg/ml

Species: Human

AA Seq: 44-413/622

Predicted MW: 31.6

Tags: C-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH7.4)

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Des-gamma carboxyprothrombin (DCP), also known as protein induced by vitamin K absence/antagonist-II (PIVKA-II), is an abnormal form of the coagulation protein, prothrombin. Normally, the prothrombin precursor undergoes post-translational carboxylation (addition of a carboxylic acid group) by gamma-glutamyl carboxylase in the liver prior to secretion into plasma. DCP/PIVKA-II may be detected in people with deficiency of vitamin K (due to poor nutrition or malabsorption) and in those taking warfarin or other medication that inhibits the action of vitamin K.

VALIDATION IMAGES



The purity of the protein is greater than 85% as determined by reducing SDS-PAGE.