Creative Enzymes®

Native Human Factor VIIa

Cat. No. NATE-0884

Lot. No. (See product label)

Introduction

Description Prepared from purified Human Factor VII using Human Factor XIIa. The Factor XIIa is removed using affinity chromatography. Purity is determined by SDS-PAGE. Human Factor VIIa reduces to 29,500 and 23,500 with the addition of 2-mercaptoethanol. Activity is determined via clotting assay. Factor VIIa, in the presence of calcium ions and Tissue factor, activates Factors IX and X to their enzymatically active forms, Factor IXa and Xa.

Synonyms Human Factor VII; Factor VII

Product Information

Species Human

Source Human

Molecular Weight 50 kDa

Activity 53833.00 PEU/mg

Concentration 1.89 mg/ml

Buffer 20 mM Tris-HCl/ 0.1 M NaCl/ pH 7.4

Storage and Shipping Information

Storage < -60°C