

Datasheet for ABIN7013840

Factor VII Protein (AA 61-466) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Factor VII (F7)
Protein Characteristics:	AA 61-466
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Factor VII protein is labelled with His tag.

Product Details

Purpose:	Human Coagulation factor VII / F7 Protein, His Tag (active enzyme, MALS verified)
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	Factor VII (F7)
Alternative Name:	Coagulation factor VII (F7 Products)
Background:	Coagulation factor VII is also known as F7, SPCA and Proconvertin. Heterodimer of a light chain and a heavy chain linked by a disulfide bond. Initiates the extrinsic pathway of blood coagulation. Serine protease that circulates in the blood in a zymogen form. Factor VII is converted to factor VIIa by factor Xa, factor XIIa, factor IXa, or thrombin by minor proteolysis. In the presence of tissue factor and calcium ions, factor VIIa then converts factor X to factor Xa

Target Details

by limited proteolysis. Factor VIIa will also convert factor IX to factor IXa in the presence of tissue factor and calcium.

Molecular Weight: 47.1 kDa

Pathways: [Response to Growth Hormone Stimulus, Platelet-derived growth Factor Receptor Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 50 mM Tris, 150 mM NaCl, pH 7.5

Storage: -20 °C