

Bovine Factor Xa, EGRck Active Site Blocked

03/21

CATALOG NO:	P1716-100 100 µg
ALTERNATE NAMES:	F10; Factor Xa; Coagulation Factor X; Stuart factor
MOL. WT.	46 kDa
NCBI GENE ID:	290787
ACCESSION NO.:	P00743
PURITY:	≥ 95% by SDS-PAGE
SOURCE:	Bovine plasma
FORM:	Liquid
FORMULATION:	In 20 mM Hepes, 150 mM NaCl, pH 7.4
INHIBITOR:	Active site is blocked by the tripeptide chloromethyl ketone inhibitor EGRck
STORAGE CONDITIONS:	Store at -80 °C. Avoid repeated freeze-thaw cycles.

DESCRIPTION: Proteolytic cleavage of the coagulation factor X produces the activated form, Factor Xa. Factor Xa participates in the prothrombinase complex of the coagulation cascade to induce blood clotting. This native protein product is prepared by taking factor X isolated from fresh bovine plasma and treating it with the factor X activator from Russell's viper venom. The product is subsequently modified using the active-site inhibitor EGRck.

RELATED PRODUCTS:

Factor X, Human Plasma (Cat. No. 7688)
Factor Xa, Human Plasma (Cat. No. 7689)
Thrombin, Active, Bovine Plasma (High Activity) (Cat. No. 7592)
Factor Xa Inhibitor Screening Kit (Fluorometric) (Cat. No. K362)
Factor Xa Activity Fluorometric Assay Kit (Cat. No. K361)

FOR RESEARCH USE ONLY! Not to be used on humans.