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## Product Datasheet

### Factor Xa, Gla-domainless, Human USB-F0018-30

Article Name	Factor Xa, Gla-domainless, Human
Biozol Catalog Number	USB-F0018-30
Supplier Catalog Number	F0018-30
Alternative Catalog Number	USB-F0018-30-100
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Participation of Factor Xa in Prothrombinase: Membrane bound factor Xa binds to membrane bound factor Va to form the prothrombinase complex. This complex effectively converts the zymogen prothrombin (II) to the active serine protease thrombin (IIa) b...
Molecular Weight	29000
Purity	95% by SDS-PAGE. Factor Xa is prepared by activating purified factor X with the factor X activator isolated from Russells viper venom. Factor Xa is purified from the activation mixture by chromatography over benzamidine-Sepharose followed by gel filtration (1,3). Purity is determined by SDS-PAGE analysis and activity is measured in a factor Xa clotting assay and/or chromogenic substrate assay.
Form	The enzyme is supplied in 50% glycerol/H2O. Other modified forms of factor Xa are also available: Active-site blocked factor Xa containing either the tripeptide chloromethyl ketone inhibitor EGRck, or the fluorescent inhibitor Dansyl-EGRck.