

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

## Product Datasheet

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

|                          |                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Factor Xa, Gla-domainless, Human                                                                                                                                                                                                                                                                                                                                                                             |
| Artikelnummer            | USB-F0018-30                                                                                                                                                                                                                                                                                                                                                                                                 |
| Hersteller Artikelnummer | F0018-30                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alternativnummer         | USB-F0018-30-100                                                                                                                                                                                                                                                                                                                                                                                             |
| Hersteller               | US Biological                                                                                                                                                                                                                                                                                                                                                                                                |
| Kategorie                | Molekularbiologie                                                                                                                                                                                                                                                                                                                                                                                            |
| Produktbeschreibung      | 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...                                                                                                                                                |
| Molekulargewicht         | 29000                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reinheit                 | 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. |
| Formulierung             | The enzyme is supplied in 50% glycerol/H <sub>2</sub> O. 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.                                                                                                                                                |