

**F10**

## Native Mouse Factor Xa

<b>Catalog No.</b>	CSI20058A CSI20058B	<b>Quantity:</b>	50 µg 100 µg
<b>Alternate Names:</b>	Coagulation factor X, FX, Stuart factor		
<b>Description:</b>	Mouse Factor Xa is prepared by activating purified factor X with the factor X activator isolated from Russell's viper venom. Factor Xa is purified from the activation mixture by chromatography over benzamidine-Sepharose.		
<b>UniProt ID:</b>	O88947		
<b>Gene ID:</b>	14058		
<b>Source:</b>	Mouse plasma		
<b>Molecular Weight:</b>	46 kDa		
<b>Formulation:</b>	Liquid containing 50% glycerol.		
<b>Purity:</b>	>95% by SDS-PAGE analysis.		
<b>Concentration:</b>	≥ 1.0 mg/ml, lot specific		
<b>Extinction Coefficient:</b>	$E^{0.1\%}_{280nm} = 1.16$		
<b>Biological Activity:</b>	Activity is measured in a factor Xa clotting assay and/or chromogenic substrate assay.		
<b>Specific Activity:</b>	151 U/mg determined by Factor X clotting assay (1 unit is equivalent to the Factor X activity in 1 ml normal human plasma)		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)