
Product Data Sheet

Product Name: FGB Human
 Cat. No.: GP23492
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Fibrinogen beta chain; Fibrinopeptide B; Fibrinogen; BBeta Polypeptide; Epididymis Secretory Sperm Binding Protein Li 78p; HEL-S-78p.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSDNENVVN EYSSELEKHQ LYIDETVNSN IPTNLRVLR ILENLRSKIQLKLESDVSAQM EYCRTPCTVS CNIPVVGKE CEEIIRKGG E TSEMYLIQPD SSVKPYRVYC DMNTENGGWTVIQNRQDGSV DFGRKWDPYK QGFGNVATNT DGKNYCGLPG EYWLGNKIS QLTRMGPTL LIEMEDWKGDKVKAHYGGFT VQNEANKYQI SVNKYRGTAG NALMDGASQL MGENRTMTIH NGMFFSTYDR DNDGWLTSDPRKQCSKEDGG GWWYNRCHAA NPNGRYYWGG QYTWDMAKHG TDDGVVWMNW KGSWYSMRKM SMKIRPFFPQ Q.		
Formulation	FGB protein solution (1mg/ml) containing 20mM Tris-HCl buffer(pH8.0) and 10% glycerol.		

Introduction

FibrinogenBeta Chain 9 (FGB) is the beta component of fibrinogen, a blood-borne glycoprotein composed of 3 pairs of nonidentical polypeptide chains. When vascular injury accrues, fibrinogen is cleaved by thrombin to form fibrin which is found in abundance in blood clots.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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FGB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 351 amino acids (164-491a.a) and having a molecular mass of 40kDa.

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