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FGB, 164-491aa, Human, His tag, E.coli

产品货号: TP02113

第三版

别名:Fibrinogen beta chain isoform 1, HEL-S-78p

描述:FGB also known as fibrinogen beta chain isoform 1 found in humans and most other vertebrates with a similar system of blood coagulation. FGB is the beta component of fibrinogen, a blood-borne glycoprotein composed of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including afibrinogenemia, dysfibrinogenemia, hypodysfibrinogenemia and thrombotic tendency. Recombinant human FGB protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid, In 20mM Tris-HCl buffer(pH8.0) containing 10% glycerol

分子量:40kDa (351aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSDNENVVNEYSSELEKHQLYIDETVNSNIPTNLRVLRISILENLRSKIQKLESDVSAQME
YCRTPCTVSCNIPVVSQKECEEIIRKGGGETSEMYLIQPDSSVKPYRVYCDMNTENGGWTVIQNRQDGSVDFGRKWDPYK
QGFQNVATNTDGKNYCGLPGEYWLGNDKISQLTRMGPTELLIEMEDWKGDKVKAHYGGFTVQNEANKYQISVNKYRG
TAGNALMDGASQLMGENRTMTIHNGMFFSTYDRDNDGWLTSDPRKQCSKEDGGGWYWRCHAANPNGRYYWGGQ
YTWDMAKHGTTDDGVVWMNWKGSWYSMRKMSMKIRPFFPQQ

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.