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SERPIND1, 58-499aa, Human, His tag, E.coli

产品货号: TP03903

第三版

别名:Heparin cofactor 2 precursor, D22S673, HC2, HCF2, HCII, HLS2, LS2, THPH10

描述:SERIND1 is a serine proteinase inhibitor which rapidly inhibits thrombin in the presence of dermatan sulfate or heparin. This protein contains five exons and four introns. It shares homology with antithrombin III and other members of the alpha 1-antitrypsin superfamily. Mutations in this gene are associated with heparin cofactor II deficiency. Recombinant human SERIND1 protein, fused to His-tag at N-terminus, was expressed in E.coli

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

分子量:53.3 kDa (465aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSDFKENTVTNDWIPEGEEDDDYLDLEKIFSEDDDYIDIVDSLSVSPDSDVSAGNIL
QLFHGKSRIQRLNILNAKFAFNLYRVLKQVNTFDNIFIAPVGIAMGMISLGLKGETHEQVHSILHFKDFVNASSKYEITT
IHNLFRKLTHRLFRRNFGYTLRSVNDLYIQKQFPILLDFKTKVREYYFAEAQIADFSDPAFISKTNNHIMKLTGGLIKDALENI
DPATQMMILNCIYFKGSWVNKFPVEMTHNHNFRNLNEREVVKVSMMQTKGNFLAANDQELDCDILQLEYVGGISMLIVV
PHKMSGMKTLEAQLTPRVVERWQKSMTNRTREVLLPKFKLEKNYNLVESLKLGMIRMLFDKNGNMAGISDQRIAIDLFK
HQGTITVNEEGTQATTVTTVGFMLSTQVRFTVDRPFLFLIYEHRTSCLLFMGRVANPSRS

纯度:> 95% by HPLC

浓度:1.0 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.