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F2, 328-622aa, Human, E.coli

产品货号: TP02066

第三版

别名:Coagulation factor II, Factor II (thrombin), PT

描述:Coagulation factor II, also known as F2, is proteolytically cleaved to form thrombin in the first step of the coagulation cascade which ultimately results in the stemming of blood loss. F2 also plays a role in maintaining vascular integrity during development and postnatal life. Mutations in F2 lead to various forms of thrombosis and dysprothrombinemia. Recombinant human F2 protein was expressed in E.coli.

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

分子量:33.9kDa (296aa)

序列:

MTFGSGEADCGLRPLFEKKSLEDKTERELLESYIDGRIVEGSDAEIGMSPWQVMLFRKSPQELLCGASLISDRWVLTAHCL
LYPPWDKNFTENDLLVRIGKHSRTRYERNIEKISMLEKIYIHPRYNWRENLDRIALMKLKKPVAFSDYIHPVCLPDRETAA
SLLQAGYKGRVTGWGNLKETWTANVGGKQPSVLQVVNLPIVERPVCKDSTRIRITDNMFCAGYKPDEGKRGDACEGDS
GGPFV MKSPFNRRWYQMGIVSWGEGCDRDGKYGFYTHVFRLLKKWIKVIDQFGE

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.