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Antitrypsin, 25-418aa, Human, Recombinant, E.coli

产品货号: TP01175

第三版

别名: Alpha-1 antiproteinase (Serine proteinase inhibitor), PI, A1A, AAT, PI1, A1AT, MGC9222, PRO2275, MGC23330, SERP1NA1.

描述: Alpha 1 proteinase inhibitor (Antitrypsin) has a characteristic secondary structure of beta sheets and alpha helices. That is a serum glycoprotein synthesized in the liver. It acts as an elastase inhibitor, primarily inhibiting neutrophil elastase, chymotrypsin, collagenase, leucocytic proteases, plasmin, and thrombin, which may be released during inflammatory reactions in the lung.

配方: Liquid in 20mM Tris pH 7.5, 10% glycerol, 1mM DTT, 2mM EDTA

分子量: 44.4kDa (395aa)

序列:

MEDPQGDAAQKTDTSHHQDHPTFNKITPNLAEFASFSLYRQLAHQSNSTNIFFSPVSIATAFAMLSLGTKADTHDEILEGL
NPNLTIPEAQIHEGFQELLRTLNPDSQLQLTTGNGLFLSEGLKLVDFLEDVKKLYHSEFTVNFVGDTEEAKKQINDYVE
KGTQGGKIVDLVKELDRDTVFALVNYIFFKGGWERPFVVDTEEDFHVDQVTTVKVPMKRLGMFNIQHCKKLSWVL
LMKYLGNATAIFFLPDEGKLQHLENELTHDIITKFLNEDRRSASLHLPKLSITGTYDLKSVLGGQLGITKVFVSNADLSGVTE
EAPLKLSKAVHKAVLTIDEKGTAAAGAMFLEAIPMSIPPEVKFNKPFVFLMIDQNTKSPLFMGKVVNPTQK

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.