

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

1-antichymotrypsin, 24-423 aa, Human, His-tag, E.coli

产品货号: TP01173

第三版

别名: Serpin peptidase inhibitor, clade A, member 3; AACT; ACT; GIG24; GIG25; SERPINA3.

描述: Alpha-1-antichymotrypsin is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT.

分子量: 47.6 kDa (421aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMHPNSPLDEENLTQENQDRGTHVDLGLASANVDFAFSLYKQLVLKAPDKNVIFSPLSIST  
ALAFSLGAHNTTLEILKGLKFNL TETSEAEIHQS FQHLLRTL NQSSDELQLSMGNAMFVKEQLSLLDRFTEDAKRLYGSEA  
FATDFQDSAAAKKLINDYVKNGTRGKITDLIKDLDSQTMMVLVNYIFFKAKWEMPDPQDTHQSRFYLSKKKWVMVPM  
MSLHHLTIPYFRDEELSCTVVELKYTGNASALFILPDQDKMEEVEAMLLPETLKRWRDSLEFREIGELYLPKFSISR DYNLNDI  
LLQLGIEEAFTSKADLSGITGARNLAVSQVVHKAVLDVFEEGTEASAATAVKITLLSALVETRTIVRFNRPFLMIIVPTDTQNI  
FFMSKV TNP KQA
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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.