

Recombinant E. coli Beta-lactamase Protein

Cat No. :KF-P1327

表达系统: E. coli

蛋白结构序列: 20-377aa

蛋白编号: P00811

产品别称: ampC, ampA, Cephalosporinase.

分子量: 41.8 kDa (379aa), (SDS-PAGE under reducing conditions)

纯度: >85% as determined by SDS-PAGE.

内毒素: ≤10EU/mg as determined by LAL test.

标签: N-6His

冻干 Buffer: Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

复溶方式: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol.

运输条件: 2-8℃

保存条件: Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing 50% glycerol is recommen

生物活性: 待查。

功能: C 类 β-内酰胺酶, 赋予青霉素和头孢菌素耐药性(PubMed: 12323371, PubMed: 17956081, PubMed: 23043117, PubMed: 33199391, PubMed: 6998377)。具有苄青霉素和头孢罗定的水解活性(PubMed: 3264154, PubMed: 3264155, PubMed: 6998377)。头孢呋辛、头孢噻肟、头孢西丁和苯唑西林水解活性较弱(PubMed: 19913034, PubMed: 3264154, PubMed: 3264155)。

仅供科研或生产使用, 不可直接应用于人体。