

## Recombinant E. coli Beta-lactaminase Protein

Cat No. :KF-P1328

**表达系统:** E. coli

**蛋白结构序列:** E. coli

**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:** >95% as determined by SDS-PAGE.

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

**标签:**

**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  $\beta$ -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。