

## Recombinant Human Carbonic anhydrase 1 Protein

Cat No. :KF-P1423

**表达系统:** E. coli

**蛋白结构序列:** 1-261aa

**蛋白编号:** P00915

**产品别称:** CA1, CA-I, CAB

**分子量:** 31.0 kDa (281aa), (SDS-PAGE under reducing conditions)

**纯度:** >90% 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. In 20 mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 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:** 催化二氧化碳的可逆水合 (PubMed:10550681, PubMed:16506782 PubMed:16686544, PubMed:16807956, PubMed:17127057 PubMed:17314045, PubMed:17407288, PubMed:18618712, :19186056, PubMed:19206230)。 可以将氰胺水合为尿素 (:10550681)。

仅供科研或生产使用, 不可直接应用于人体。