

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。

CA3, 1-260aa, Human, E.coli

产品货号: TP01392

第三版

别名:Carbonic anhydrase III, CAIII, Car3.

描述:CA3, also known as carbonic anhydrase III, is an enzyme that catalyses rapid conversion of carbon dioxide to bicarbonate and protons ($\text{CO}_2 + \text{H}_2\text{O} = \text{HCO}_3 + \text{H}^+$). This protein is involved in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption and the formation of aqueous humor, cerebrospinal fluid, saliva and gastric juice.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT

分子量:29.5 kDa (260aa)

序列:

MAKEWGYASHNGPDHWHELFPNAKGENQSPIELHTKDIRHDPSLQPWSVSYDGGSAKTILNNGKTCRVVFD DDTYDRSM
LRGGPLPGPYRLRQFHLHWGSSDDHGSEHTVDGVKYAAELHLVHWNPKYNTFKEALKQRDGI AVIGIFLKIGHENG EFQ
IFLDALDKIKTKGKEAPFTKFDPSCLFPACRDYWTYQGSFTTPPCEECIVWLLLKEPMTVSSDQMAKLRSLSSAENEPVPL
VSNWRPPQPINNRVVRASFK

纯度:> 95% by HPLC

浓度:> 90% by SDS - PAGE

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.