

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

NBC1, 1-424aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03100

第三版

别名:Electrogenic sodium bicarbonate cotransporter 1, isoform2, SLC4A4, NBCE1, Na(+)/HCO₃(-) cotransporter, Solute carrier family 4 member 4

描述:Sodium bicarbonate cotransporters (NBCs) mediate the coupled movement of sodium and bicarbonate ions across the plasma membrane of many cells. This is an electrogenic process with an apparent stoichiometry of 3 bicarbonate ions per sodium ion. NBC1 has been identified as a key player for regulation of intracellular pH in several cell types. NBC1 Isoform 2 is specifically expressed in kidney at the level of proximal tubules.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 0.5mM DTT,0.1mM PMSF, 10% glycerol

分子量:51.5 kDa (460aa)

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMTENVEGKPSNLGERGRARSSTFLRVVQPMFNHSIF TSA
VSPAAERIRFILGEEDDSPAPPQLFTELDLLAVDGGQEMEWKETARWIKFEEKVEQGGERWSKPHVATLSLHSLFELRTCME
KGSIMLDREASSLPQLVEMIVDHQIETGLLKPELKDKVITYTLRKRHRHQTKKSNLRLADIGKTVSSASRMFTNPDNGSPA
MTHRNLTSSSLNDISDKPEKDQLKNKFMKKLPRDAEASNVLVGEVDFLDTPFIAFVRLQQA VMLGALTEVPVPTRFLLG
PKGKAKSYHEIGRAIATLMSDEVFHDIA YKAKDRHDLIAGIDEFLDEVIVLPPGEWDPAIRIEPPKSLPSSDKRKNMYS GGEN
VQMNGDTPHDGGHGGGGHGDCEELQRTGRFCGGLIKDIKRKAPFFASDFYDALNIQ

纯度:> 95% by HPLC

浓度:0.5 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.