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Recombinant Human CA5A / CA-VA Protein (His tag)

产品货号: TP06651

第三版

别名:CA5;CA5AD;CA5D;Carbonic Anhydrase VA;CAV;CAVA;GS1-21A4.1

描述:Carbonic anhydrase 5A, mitochondrial, also known as Carbonate dehydratase VA, Carbonic anhydrase VA, CA-VA and CA5A, is a member of the alpha-carbonic anhydrase family. Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes first discovered in 1933 that catalyze the reversible hydration of carbon dioxide. CAs participate 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 acid. CA5A / CA-VA is activated by histamine, L-adrenaline, L- and D-histidine, and L- and D-phenylalanine. It is inhibited by coumarins, sulfonamide derivatives such as acetazolamide and Foscarnet (phosphonoformate trisodium salt).

配方:PBS

分子量:31.6 kDa

序列:Ala 40-Ser 305

纯度:> 95% by HPLC

浓度:

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.