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Recombinant Mouse Carbonic Anhydrase 12/CA12 Protein(C-6His)

产品货号: TP06177

第三版

别名:Carbonic anhydrase 12; Carbonate dehydratase XII; Carbonic anhydrase XII; CA-XII; CA12; Carbonate dehydratase XII; CAXII

描述:Carbonic Anhydrase (CA) XII, also known as Car12 and CA12, is an extracellular enzyme involved in the regulation of the microenvironment acidity and tumor malignant phenotype, was originally identified as a protein overexpressed in some types of cancers. It has showed that CA XII is induced by hypoxia and oestrogen and expressed at high levels on various types of cancer. The enzyme is directly involved in tumour progression, and its inhibition has an anti-tumour effect. Apart from its role in carcinogenesis, the enzyme contributes to various other diseases like glaucoma and arteriosclerotic plaques, among others. CA XII is therefore regarded as promising target for specific therapies, and may be used as a novel prognostic marker in combination with histologic grade of the tumors.

配方:PBS

分子量:32.4 kDa

序列:Ala25-Ser301

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.