

Bioactive

Carbonic Anhydrase

Catalog # P5208

Size 50 mg

Specification

Product Description	A partially purified, dialyzed.
Biological function	Carbonic anhydrase (CA) catalyzes the reversible hydration and dehydration reactions of $\text{CO}_2/\text{H}_2\text{CO}_3$.
Host	Bovine
Theoretical MW (kDa)	29
Form	Lyophilized
Preparation Method	Native protein purified from Bovine Erythrocytes
Activity	$\geq 3,000$ units per mg dry weight. One Unit is the time required (in seconds) for a saturated CO_2 solution to lower the pH of 0.02 M Tris-HCl buffer from 8.3 to 6.3, at 0-4°C is determined.
Recommend Usage	Carbonic Anhydrase Assay; CO_2 determination in blood; Elimination of CO_2 in reagents for acidity testing; Carboxy group transfers; Reduction reactions.
Storage Instruction	Store at 4°C.

Applications

- Enzyme Activity

Gene Info — CA2

Entrez GeneID [280740](#)

Protein Accession# [P00921](#)

Gene Name	CA2
Gene Alias	-
Gene Description	carbonic anhydrase II
Gene Ontology	Hyperlink
Other Designations	-