

# Recombinant Human CA4

Catalog No: #GP10250



Package Size: #GP10250-1 100ug

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## Description

Product Name	Recombinant Human CA4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 19-284 amino acids of human carbonic anhydrase IV
Target Name	carbonic anhydrase IV
Other Names	CAIV; Car4; RP17
Accession No.	Swissprot:P22748Gene Accession:BC057792
Uniprot	P22748
GeneID	762;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They 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. They show extensive diversity in tissue distribution and in their subcellular localization. This gene encodes a glycosylphosphatidyl-inositol-anchored membrane isozyme expressed on the luminal surfaces of pulmonary (and certain other) capillaries and proximal renal tubules. Its exact function is not known; however, it may have a role in inherited renal abnormalities of bicarbonate transport.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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