

# Carbonic anhydrase 4

Catalog No: #AP78808



Package Size: #AP78808-1 50ug #AP78808-2 100ug #AP78808-3 1mg

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## Description

Product Name	Carbonic anhydrase 4
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	19-284AA
Other Names	Carbonate dehydratase IV,Carbonic anhydrase IV,CA-IV
Accession No.	P22748Gene name:CA4
Uniprot	P22748
GeneID	762;
Calculated MW	29.26
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Reversible hydration of carbon dioxide. May stimulate the sodium/bicarbonate transporter activity of SLC4A4 that acts in pH homeostasis. It is essential for acid overload removal from the retina and retina epithelium, and acid release in the choriocapillaris in the choroid.

## References

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Note: This product is for in vitro research use only