

## Recombinant rat Carbonic anhydrase 1

Catalog No: #AP72467



Package Size: #AP72467-1 20ug #AP72467-2 100ug #AP72467-3 1mg

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## Description

Product Name	Recombinant rat Carbonic anhydrase 1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-261aaSequence Info:Full Length
Other Names	Carbonate dehydratase I
Accession No.	B0BNN3
Uniprot	B0BNN3
GeneID	310218;
Calculated MW	30.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ASADWGYDSKNGPDQWSKLYPIANGNNQSPIDIKTSEAKHDSSLKPVSVSYNPATAKEIVNVGHSFHVVFDSS SNQSVLKGGPLADSYRLTQFHFHWGNSNDHGSEHTVDGAKYSGELHLVHWNSAKYSSAAEAISKADGLAIG VLMKVG PANPNLQKVL DALSSVKTGKRAPFTNFDPSSLLPSSLDYWTYFGSLTHPPLHESVTWVICKESISLS PEQLAQLRGLLSSAEGEPAVPVLSNHRPPQPLKGRTVRASF
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Reversible hydration of carbon dioxide

## References

Mural R.J., Adams M.D., Myers E.W., Smith H.O., Venter J.C. Proteome profile of the mature rat olfactory bulb.Maurya D.K., Sundaram C.S., Bhargava P.Proteomics 9:2593-2599(2009)Research Topic:Others

Note: This product is for in vitro research use only