

## Rat Carbonic Anhydrase 4 (CA4) Protein (Active)

Catalogue No.: abx656818

Rat Carbonic Anhydrase 4 (CA4) Protein (Active) is a Active Rat protein expressed in E.coli.

<b>Target:</b>	Carbonic Anhydrase 4 (CA4)
<b>Origin:</b>	Rat
<b>Host:</b>	E. coli
<b>Conjugation:</b>	Unconjugated
<b>Form:</b>	Lyophilized
<b>Purity:</b>	> 95%
<b>Reconstitution:</b>	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH <sub>2</sub> O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
<b>Storage:</b>	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P48284 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	CA4
<b>KEGG:</b>	rno:29242
<b>Molecular Weight:</b>	Calculated MW: 26.5 kDa Observed MW (SDS-PAGE): 26 kDa
<b>Sequence Fragment:</b>	Ser20-Ser220
<b>Tag:</b>	N-terminal His Tag
<b>Buffer:</b>	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.
<b>Activity:</b>	Active
<b>Concentration:</b>	Prior to lyophilization: 200 µg/ml

# Datasheet

Version: 1.0.0

Revision date: 01 Jul 2025



**Note:**

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only