

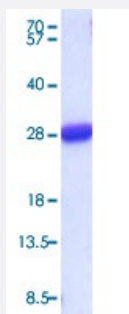
Bioactive

# Carbonic anhydrase (*Escherichia coli*) Recombinant protein

Catalog # P6860

Size 20 ug

## Applications



## Specification

Product Description	<i>Escherichia coli</i> Carbonic anhydrase recombinant protein expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	27
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Activity	Specific activity is > 1,000 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze 1.0 p mole of 4-nitrophenyl acetate to 4-nitrophenol per minute at pH 7.5 at 37 °C.
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (10% glycerol, 1 mM DTT).
Storage Instruction	Store at 4°C for 1-2 weeks. For long term storage store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Result of activity analysis

**Applications**

- SDS-PAGE
- Enzyme Activity