

# E.Coli Carbonic Anhydrase II Recombinant Protein



RPPB1458

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## Product Information    Protein Information

**Product SKU:**

RPPB1458

**Accession:**

P61517

**Host:**

Escherichia Coli.

**Protein description:**

Carbonic anhydrase II is an E.coli Recombinant protein produced in E.Coli containing 240 amino acids (1-220) and having a molecular mass of 27 kDa. Carbonic anhydrase is expressed with an amino-terminal hexahistidine tag. The Carbonic anhydrase 2 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Carbonic anhydrase 2, Carbonate dehydratase 2, can, cynT2, yadF, b0126, JW0122, Carbonic Anhydrase II.

**Formulation:**

The Carbonic Anhydrase 2 enzyme is supplied in 20mM Tris pH-8 and 1mM DTT.

**Purity:**

Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MKDIDTLISN NALWSKMLVE EDPGFFEKLAQAQKPRFLWI GCSDSRVPAE  
RLTGLEPGEL FVHRNVANLV IHTDLNCLSV VQYAVDVLEV EHIICGHYG CGGVQAAVEN PELGLINNL  
HIRDIWFKH SLLGEMPQE RRLDTLCELN VMEQVYNLGH STIMQSAWKR GQKVTIHGWA YGIHDGLLRD  
LDVTATNRET LEQRYRHGIS NLKLNHANHK.