
Carbonic anhydrase III

Human, Recombinant, *E. coli*

Cat. No.: RCP9200

Size: 10µg

Synonym:

CAIII

Description:

Carbonic anhydrase III is one of a group of ten zinc metalloenzymes that catalyse the reversible hydration of CO₂ to form HCO₃⁻. CAIII is a cytoplasmic isoenzyme, but is released into the circulation following injury.

RANDOX recombinant CAIII comprises a 260 amino acid fragment (1-260) corresponding to the mature CAIII protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form:

Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1%(w/v) SDS, 0.1%(w/v) Bromophenol Blue, 2.5% Glycerol).

Purity:

Single band on Western blot.

References:

Vuotikka, P. (2003) *Int J Cardiol.* **91(2-3):** 137-44.