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.