

**Gamma Hydroxybutyrate
 CoA Transferase**

Human, Recombinant, *E. coli*

Cat. No.: RCP9495
 RCP9496
 RCP9497

Size:

10µg
 100µg
 1000µg

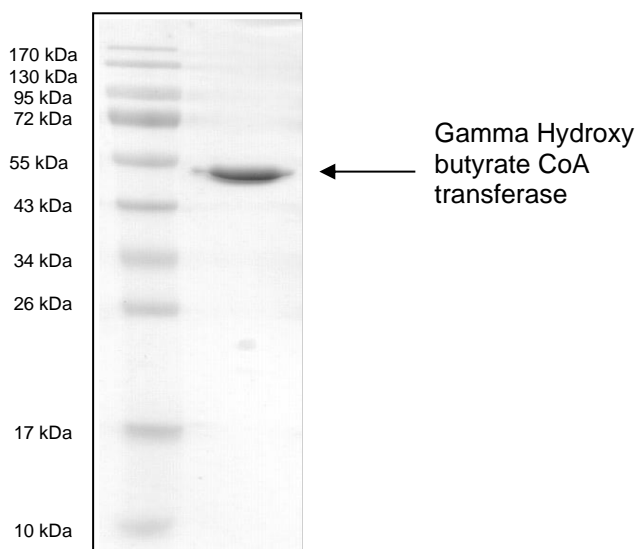
Synonym: abFT; 4-Hydroxybutyrate CoA-transferase

Description: *Clostridium aminobutyricum* ferments 4-aminobutyrate to acetate and butyrate. One of the enzymes which catalyses this inter conversion of the intermediates is Gamma Hydroxybutyrate CoA Transferase. The amino acid sequence of the enzyme shows close relationships to proteins from the genomes of *Clostridium difficile* and *Porphyromonas ginivalis*. Characterisation of this enzyme from *Clostridium aminobutyricum* has shown it to be largely membrane bound, stable in anaerobic conditions.

RANDOX recombinant Gamma Hydroxybutyrate CoA Transferase comprises a 438 amino acid fragment (1-438) corresponding to the mature Gamma Hydroxybutyrate CoA Transferase 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

Purity: >95% by SDS-PAGE



References: Gerhardt, A. *et al* (2000) *Arch.Microbiol.* **174 (3)** : 189-199.