

Product datasheet

Recombinant Human Gamma Hydroxybutyrate CoA Transferase protein ab166874

1 Image

Description

Product name	Recombinant Human Gamma Hydroxybutyrate CoA Transferase protein	
Purity	> 95 % SDS-PAGE.	
Expression system	Escherichia coli	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>MDWKKIYEDRTCTADEAVKSIKSGDRVLFahcVAEPPVL VEAMVANAAAY KNVTVSHMVTLGKGEYSKPEYKENFTFEGWFTSPSTRGSI AEGHGQFVPV FFHEVPSLIRKDIFHVDVFMVMVSPPDHNGFCCVGVSSD YTMQAIKSAKI VLAEVNDQVPVYGDTFVHVSEIDKFVETSHPLPEIGLPKI GEVEAAIGK HCASLIEDGSTLQLGIGAIPDAVLSQLKDKKHLGIHSEMISD GVVDLYEA GVIDCSQKSIDKGKMAITFLMGTKRLYDFAANNPKVELKPV DYNHPSVV AQCSKMCINACLQVDFMGQVSDSIGTKQFSGVGGQVD FVRGASMSIDG KGKAIAMPsvAKKKDgSMISKVpFIDHGAavTTSrNDAD YVTEYGIa EMK GKSLQDRARALINIAHPDFKDELKAEFEKRFNAAF</p>	
Predicted molecular weight	49 kDa including tags	
Amino acids	1 to 438	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab166874** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications ELISA
SDS-PAGE

Form Liquid

Preparation and Storage

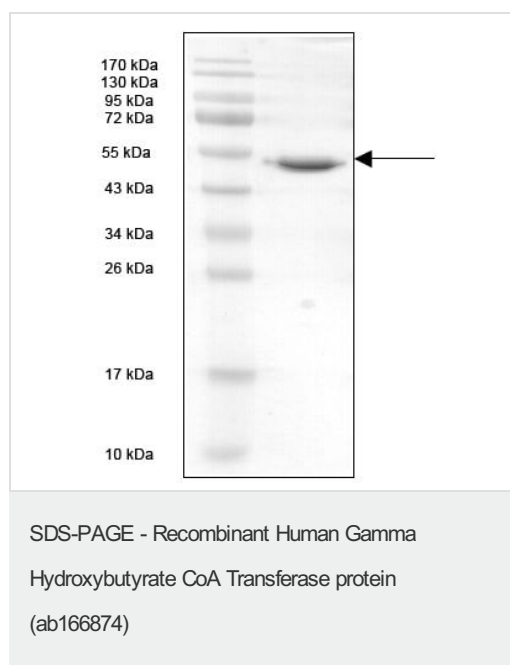
Stability and Storage Shipped at 4°C. Store at -20°C.
Constituents: 0.32% Tris HCl, 50% Glycerol

General Info

Function CoA transferase having broad substrate specificity for short-chain acyl-CoA thioesters with the activity decreasing when the length of the carboxylic acid chain exceeds four carbons. Exhibits high activity with acetoacetyl-CoA, propionyl-CoA, crotonoyl-CoA or butyryl-CoA as donors, with acetate as an acceptor. When acetyl-CoA is used as the donor, propionate, acetoacetate, butyrate, isobutyrate, and 4-hydroxybutyrate can be utilized as acceptors but not isovalerate. May play a role in short-chain fatty acid metabolism in E.coli.

Sequence similarities Belongs to the 3-oxoacid CoA-transferase family.

Images



SDS-PAGE analysis of ab166874.

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