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ACAA1, 27-424aa, Human, His tag, E.coli

产品货号: TP01022

第三版

别名:3-ketoacyl-CoA thiolase, peroxisomal; ACAA; PTHIO; THIO.

描述:ACAA1 is a member of the thiolase family of enzymes and is involved in lipid metabolism. This protein is localized to the peroxisome and catalyzes the conversion of acyl-CoA and acetyl-CoA to 3-oxoacyl-CoA in the fatty acid oxidation pathway.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT, 0.1M NaCl

分子量:43.8 kDa (419aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMLSGAPQASAAADVVVVHGRRTAICRAGRGGFKDTPDELLSAVMTAVLKDVNLRPEQ  
LGDICVGNVLQPGAGAIMARIAQFLSDIPETVPLSTVNRQCSSLQAVASIAGGIRNGSYDIGMACGVESMSLADRGNPG  
NITSRLMEKEKARDCLIPMGITSENAERFGISREKQDTFALASQQKAARAQSKGCFQAEIVPVTITVHDDKGTKRSITVT  
QDEGIRPSTTMEGLAKLKPFAFKKDGSTTAGNSSQVSDGAAAILLARRSKAEELGLPILGVLSYAVVGVPPDIMGIGPAYAIP  
VALQKAGLTVSDVDIFEINEAFASQAAYCVEKLRLPPEKVNPLGGAVALGHPLGCTGARQVITLLNELKRRGKRAYGVVS  
MCIGTGMGAAAVFEYPGN

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.