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GLYAT, 1-296aa, Human, His tag, E.coli

产品货号: TP02272

第三版

别名: Glycine-N-acyltransferase, ACGNAT, CAT, GAT

描述: GLYAT, also known as glycine-N-acyltransferase, is a mitochondrial acyltransferase which conjugates glycine with acyl-CoA substrates in the mitochondria. The protein is thought to be important in the detoxification of endogenous and xenobiotic acyl-CoA's. Recombinant human GLYAT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量: 36.0 kDa (316aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMMLPLQGAQMLQMLEKSLRKSLPASLKVYGTVFHINHGPNPFLKAVVDKWPDFNTVV  
VCPQEQDMTDDLDHYTNTYQIYSKDPQNCQEFLGSPELINWKQHLQIQSSQPSLNEAIQNLAAIKSFVKQTQRILYMAA  
ETAKELTPFLLKSKILSPSGGPKAINQEMFKLSSMDVTHAHLVNKFWHFGGNERSQRFIERICIQTFPTCCLLGPEGTPVCW  
DLMDQTGEMRMAGTLPEYRLHGLVITYVIYSHAQKLGKLGFPVYSHVDYSNEAMQMSYTLQHVPPIRSWNQWNCVPL

纯度: > 95% by HPLC

浓度: 0.5 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.