

32-2373: GLYAT Recombinant Protein

Alternative Name : Glycine-N-acyltransferase, ACGNAT, GAT, CAT, AAC, HRP-1 (CLP), Acyl-CoA: glycine amino acid N-acyltransferase, EC 2.3.1.13.

Description

Source : Escherichia Coli. GLYAT Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 316 amino acids (1-296) and having a molecular mass of 36.0 kDa. The GLYAT is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. GLYAT is a mitochondrial acyltransferase that conjugates glycine with acyl-CoA substrates in the mitochondria. GLYAT is vital to the detoxification of endogenous and xenobiotic acyl-CoA's.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : GLYAT protein (0.5mg/ml) is supplied in 20mM Tris-HCl, pH-8, 1mM DTT and 20% Glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHH SSGLVPRGSH MMLPLQGAQM LQMLEKSLRK SLPASLKVYG TVFHINHGPN
 FNLKAVVDKW PDFNTVVVCP QEQDMTDDL HYNTYQIYS KDPQNCQEF LGSPELINWKQ HLQIQSSQPS
 LNEAIQNLA IKSFVKQTQ RILYMAAETA KELTPFLKS KILSPSGGKP KAINQEMFKL SSMDVTHAHL
 VNKFWHFGGN ERSQRFIERC IQTFPTCCLL GPEGTPVCWD LMDQTGEMRM AGTLPEYRLH GLVTYVIYSH
 AQKLGKLGFP VYSHVDYSNE AMQKMSYTLQ HVPIPRSWNQ WNCVPL.

