

## 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 :** MGSSHHHHHH SSGLVPRGSH MMLPLQGAQM LQMLEKSLRK SLPASLKVYG TVFHINHGPN  
 FNLKAVVDKW PDFNTVVVCP QEQDMTDDL HYNTYQIYS KDPQNCQEF L GSP LINWKQ HLQIQSSQPS  
 LNEAIQNLA IKSFKVKQTQ RILYMAAETA KELTPFLLKS KILSPSGGKP KAINQEMFKL SSMDVTHAHL  
 VNKFWHFGGN ERSQRFIERC IQTFPTCCLL GPEGTPVCWD LMDQTGEMRM AGTLPEYRLH GLVTYVIYSH  
 AQKLGKLGFP VYSHVDYSNE AMQKMSYTLQ HVPIPRSWNQ WNCVPL.

