

Recombinant Full Length Human GLYAT Protein, GST-tagged

Cat. No. GLYAT-5362HF **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Human GLYAT full-length ORF (AAH09785.1, 1 a.a. - 163 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 163 amino acids |
| Description | The glycine-N-acyltransferase protein conjugates glycine with acyl-CoA substrates in the mitochondria. The protein is thought to be important in the detoxification of endogenous and xenobiotic acyl-CoAs. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq |
| Molecular Mass | 44.9 kDa |
| AA Sequence | MMLPLQGAQMLQMLEKTLRKSLPASLKVYGTVFHINHGPNPFLKAVVDKWPDFNTV VVCPEEQDMTDDLDHYTNTYQIYSKDPQNCQEFLGSEPELINWKQHLQIQSSQPSLN EAIQNLAAIKSFVKVKTQRILYMAAETAKELTPFLLKSKILSPSGGKPKAM |
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |

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| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| GENE INFORMATION | |
| Gene Name | GLYAT glycine-N-acyltransferase [Homo sapiens] |
| Official Symbol | GLYAT |
| Synonyms | GLYAT; glycine-N-acyltransferase; glycine N-acyltransferase; ACGNAT; GAT; AAc; HRP-1(CLP); aralkyl-CoA N-acyltransferase; acyl-CoA:glycyl N-acyltransferase; aralkyl acyl-CoA N-acyltransferase; aralkyl acyl-CoA:amino acid N-acyltransferase; CAT; |
| Gene ID | 10249 |
| mRNA Refseq | NM_005838 |
| Protein Refseq | NP_005829 |
| MIM | 607424 |
| UniProt ID | Q6IB77 |

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