

Recombinant Full Length Human GLYAT Protein, GST-tagged

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

SPECIFICATION

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 VVCPQEQDMTDDLHDHYTNTYQIYSKDPQNCQEFLGSPELINWKQHLQIQSSQPSLN EAIQNLAIAIKSFVKVKTQRILYMAAETAKELTPFLLKSKILSPSGGKPKAM
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:glycine 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