

## Recombinant Human GLYAT Protein, GST-tagged

Cat. No. GLYAT-4995H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GLYAT full-length ORF ( AAH09785.1, 1 a.a. - 163 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	44.9 kDa
<b>AA Sequence</b>	MMLPLQGAQMLQMLEKTLRKSLPASLKVYGTVFHINHGPNPFLKAVVDKWPDFNTV VVCPEQDMTDDLHDHYTNTYQIYSKDPQNCQEFGLSPELINWKQHLQIQSSQPSLN EAIQNLAAIKSFVKVKTQRILYMAAETAKELTPFLLKSKILSPSGGKPKAM
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.

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**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](#)

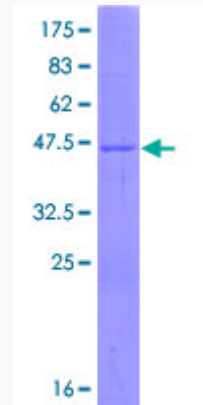
**UniProt ID** [Q6IB77](#)

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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