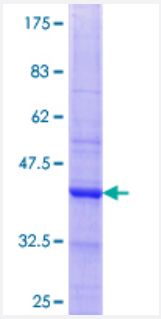
GLYAT (Human) Recombinant Protein (Q01)

Catalog # H00010249-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GLYAT partial ORF (NP_964011.1, 64 a.a. - 163 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DMTDDLDHYTNTYQIYSKDPQNCQEFLGSPELINWKQHLQIQSSQPSLNEAIQNLAAIKSFKVKQTQ RILYMAAETAKELTPFLLKSKILSPSGGKPKAI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (73); Rat (74)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GLYAT

Entrez GeneID	10249
GeneBank Accession#	NM_201648
Protein Accession#	NP_964011.1
Gene Name	GLYAT
Gene Alias	ACGNAT, CAT, GAT
Gene Description	glycine-N-acyltransferase
Omim ID	607424
Gene Ontology	Hyperlink
Gene Summary	The glycine-N-acyltransferase protein conjugates glycine with acyl-CoA substrates in the mitochon dria. The protein is thought to be important in the detoxification of endogenous and xenobiotic acy l-CoA's. Two transcript variants encoding different isoforms have been found for this gene. [provid ed by RefSeq
Other Designations	acyl-CoA:glycine N-acyltransferase|aralkyl-CoA N-acyltransferase