

## Product datasheet for **AR39059PU-L**

### GLYAT / ACGNAT (1-296, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	GLYAT / ACGNAT (1-296, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MMLPLQGAQM LQMLEKSLRK SLPASLKVYG TVFHINHGPN FNLKAVVDKW PDFNTVVVCP QEQDMTDDL HYTNTYQIYS KDPQNCQEFL GSPELINWKQ HLQIQSSQPS LNEAIQNLA IKSFKVKQTQ RILYMAAETA KELTPFLKS KILSPSGGK KAINQEMFKL SSMDVTHAHL VNKFWHFGGN ERSQRFIERC IQTFPTCCLL GPEGTPVCWD LMDQTGEMRM AGTLPEYRLH GLVTYVIYSH AQKLGKLGFP VYSHVDYSNE AMQKMSYTLQ HVPIPRSWNQ WNCVPL
Tag:	His-tag
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GLYAT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_005829</u>
Locus ID:	10249
UniProt ID:	<u>Q6IB77</u>
Cytogenetics:	11q12.1
Synonyms:	ACGNAT; CAT; GAT



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**Summary:**

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-CoA's. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Product images:**