



# Recombinant Human Glycine N-acyltransferase (GLYAT)

<b>Product Code</b>	CSB-EP753687HU-B
<b>Abbreviation</b>	GLYAT
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q6IB77
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MMLPLQGAQM LQMLEKSLRK SLPASLKVYG TVFHINHGPN FNLKAVVDKW PDFNTVVVCP QEQDMTDDL HYTNTYQIYS KDPQNCQEFL GPELINWKQ HLQIQSSQPS LNEAIQNLA IKSFKVKQTQ RILYMAAETA KELTPFLKLS KILSPNGGKP KAINQEMFKL SSMDVTHAHL VNKFWHFGGN ERSQRFIERC IQTFTCCLL GPEGTPVCWD LMDQTGEMRM AGTLPEYRLH GLVTYVIYSH AQKLGKLGFP VYSHVDYSNE AMQKMSYTLQ HVPIPRSWNQ WNCVPL
<b>Source</b>	E.coli
<b>Target Names</b>	GLYAT
<b>Protein Names</b>	Recommended name: Glycine N-acyltransferase EC= 2.3.1.13 Alternative name(s): Acyl-CoA:glycine N-acyltransferase Short name= AAc Aralkyl acyl-CoA N-acyltransferase Aralkyl acyl-CoA:amino acid N-acyltransferase HRP-1(CLP)
<b>Expression Region</b>	1-296
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</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-CoA s. Two transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

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