



Recombinant Human Glycine N-acyltransferase (GLYAT)

Product Code	CSB-BP753687HU
Abbreviation	GLYAT
Storage	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.
Uniprot No.	Q6IB77
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MMLPLQGAQM LQMLEKSLRK SLPASLKVYG TVFHINHGPN FNLKAVVDKW PDFNTVVVCP QEQDMTDDL HYTNTYQIYS KDPQNCQEFL GPELINWKQ HLQIQSSQPS LNEAIQNLA IKSFKVKQTQ RILYMAAETA KELTPFLKSKILSPNGGKP KAINQEMFKL SSMDVTHAHL VNKFWHFGGN ERSQRFIERC IQTFPTCCLL GPEGTPVCWD LMDQTGEMRM AGTLPEYRLH GLVTYVIYSH AQKLGKLGFP VYSHVDYSNE AMQKMSYTLQ HVPIPRSWNQ WNCVPL
Source	Baculovirus
Target Names	GLYAT
Protein Names	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)
Expression Region	1-296
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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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