

# Recombinant Human glycine-N-acyltransferase-like 2, His-tagged

**Cat. No.** GLYATL2-454H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	GLYATL2, 1-294aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-294 a.a.
<b>Description</b>	<p>GLYATL2 belongs to the glycine N-acyltransferase family. This protein is expressed at highest levels in salivary gland and trachea. It is a mitochondrial acyltransferase which transfers the acyl group to the N-terminus of glycine. GLYATL2 conjugates numerous substrates, such as arachidonoyl-CoA and saturated medium and long-chain acyl-CoAs ranging from chain-length C8:0-CoA to C18:0-CoA, to form a variety of N-acylglycines. Recombinant human GLYATL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</p>
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 50% glycerol, 2mM DTT
<b>Molecular Mass</b>	36.7kDa (317aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMLVLHNS QKLQILYKSL EKSIPESIKV YGAIFNIKDK NPFNMEVLVD AWPDYQIVIT RPQKQEMKDD QDHYTNTYHI

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FTKAPDKLEE VLSYSNVISW EQTLQIQGCQ EGLDEAIRKV ATSKSVQVDY  
 MKTILFIPEL PKKHKTSND KMELFEVDDD NKEGNFSNMF LDASHAGLVN  
 EHWAFGKNER SLKYIERCLQ DFLGFGVLGP EGQLVSWIVM EQSCELRMGY  
 TVPKYRHQGN MLQIGYHLEK YLSQKEIPFY FHVADNNEKS LQALNNLGFK  
 ICPCGWHQWK CTPKKYC

**Purity** >85% by SDS - PAGE

**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/ml (determined by BRADFORD assay)

## GENE INFORMATION

**Gene Name** [GLYATL2 glycine-N-acyltransferase-like 2 \[ Homo sapiens \]](#)

**Official Symbol** GLYATL2

**Synonyms** GLYATL2; glycine-N-acyltransferase-like 2; glycine N-acyltransferase-like protein 2; BXMAS2 10; MGC24009; glycine acyltransferase family-B; acyl-CoA:glycine N-acyltransferase-like protein 2; GATF-B; BXMAS2-10;

**Gene ID** [219970](#)

**mRNA Refseq** [NM\\_145016](#)

**Protein Refseq** [NP\\_659453](#)

**UniProt ID** [Q8WU03](#)

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<b>Chromosome Location</b>	11q12.1
<b>Function</b>	glycine N-acyltransferase activity; transferase activity, transferring acyl groups;

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