

## Recombinant Human GLYATL2, His-tagged

**Cat. No.** GLYATL2-5055H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human GLYATL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<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 FTKAPDKLEE VLSYSNVISW EQTLQIQGCQ EGLDEAIRKV ATSKSVQVDY MKTILFIPEL PPKHKTSND KMELFEVDDD NKEGNFSNMF LDASHAGLVN EHWAFGKNER SLKYIERCLQ DFLGFGVLGP EGQLVSWIVM EQSCELRMGY TVPKYRHQGN MLQIGYHLEK YLSQKEIPFY FHVADNNEKS LQALNNLGFK

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	ICPCGWHQWK CTPKKYC
<b>Purity</b>	>85% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.5 mg/ml (determined by BRADFORD assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GLYATL2 glycine-N-acyltransferase-like 2 [ Homo sapiens ]
<b>Official Symbol</b>	GLYATL2
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">219970</a>
<b>mRNA Refseq</b>	<a href="#">NM_145016</a>
<b>Protein Refseq</b>	<a href="#">NP_659453</a>
<b>UniProt ID</b>	<a href="#">Q8WU03</a>
<b>Chromosome Location</b>	11q12.1

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**Function**

glycine N-acyltransferase activity; transferase activity, transferring acyl groups;

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